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THESIS

CONCEPTUAL DATA MODEL FOR ADMINISTRATIVE
FUNCTIONS OF A TYPICAL NAVAL SHIP, TO INCLUDE:
PERSONNEL, TRAINING, SHIP SECRETARY, WELFARE
AND RECREATION, COMMAND CAREER COUNSELOR,
PUBLIC AFFAIRS OFFICER, EDUCATIONAL SERVICES
OFFICER, MASTER AT ARMS, AND LEGAL

by

Teresa N. Briede

September, 1991

Thesis Advisor:

Magdi N. Kamel

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**Conceptual Data Model for Administrative Functions of a Typical Naval Ship,
to include: Personnel, Training, Ship Secretary, Welfare and Recreation,
Command Career Counselor, Public Affairs Officer, Educational Services Officer,
Master at Arms, and Legal**

by

**Teresa N. Briede
Lieutenant, United States Navy
B.S., Purdue University**

**Submitted in partial fulfillment
of the requirements for the degree of**

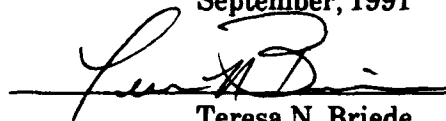
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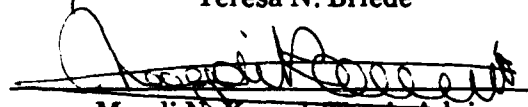
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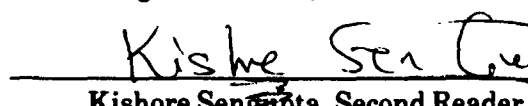
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ABSTRACT

The need for data management standardization has been clearly identified by the Office of the Secretary of Defense as a means to realize savings in the \$9 billion spent annually on information technology in DoD and to further interoperability and sharing of information among systems. Most efforts thus far have been directed at standardizing data elements, the lowest level in the hierarchy of data, as a foundation for standardizing Management Information Systems within DoD. In this thesis, we propose extending the standardization effort to the schema level of an organizational unit. We accomplish this by examining the administrative functions carried out onboard a generic Navy ship and developing a data model (view) for each function. The functions addressed in this thesis are Personnel, Training, Ship Secretary, Welfare and Recreation, Command Career Counselor, Public Affairs Officer, Educational Services Officer, Master at Arms, and Legal. The separate views are then integrated to form a global, high level, conceptual data model. This complex view is then simplified by creating higher levels of abstraction using an entity clustering technique.



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I. INTRODUCTION

A. BACKGROUND

The Office of the Secretary of Defense (OSD) has recognized the need to reduce an estimated \$9 billion spent annually on collecting and processing data into usable forms of mission essential information. To achieve savings in resources invested on information technology, DoD Corporate Information Management (CIM) was established in October 1989 in order to "enhance the availability and the standardization of information in common areas and to provide for the development of integrated Management Information Systems." [Ref. 1]

Information standardization allows for sharing of data between functional units and greater interoperability and integration between databases and enhances the effort of managing the information. Standardization also facilitates the accomplishment of the following goals: [Ref. 1]

1. Consolidating multiple systems that meet the same functional requirements.
2. Reducing unnecessary redundancy.
3. Developing common data requirements and formats to enhance interoperability.
4. Reducing the amount of annual expenditures associated with information technology.

To illustrate the importance of standardization, consider a possible Navy mission: the search and rescue of a disabled ship at sea. When tasked, the disabled vessel's last known position is provided to the Carrier Battle Group (CVBG) either from shore or from another ship (civilian or military). Patrol

aircraft or ships are designated and, provided with a description and general location of the vessel, are dispatched to conduct the search and rescue. Aircraft and ships working together exchange data about search patterns, weather conditions, geographic positions and rescue procedures to coordinate their efforts and minimize time. When located, the vessel's position, material and personnel condition and other amplifying data are transferred between search units and the group commander. Without standard conventions for terminology, tactics or operations, the different units would have to expend much more time and effort to accomplish the same amount of data exchange in order to fulfill their mission.

In addition to a unit's operational mission, there are several administrative functions that must be accomplished in order to meet other recurring requirements. To illustrate this point, consider the required monthly reports submitted by Navy units to superiors within their respective "chains-of-command." The reports from different units contain the same data, but may vary in format, depending on where the report is sent. In some cases data elements are not standardized between reports. A typical example is a data element named "birth date" or "date of birth." These are two different data element names for the same data item. To further complicate the matter, this data can be stored in one of many different formats (i.e., DD-MM-YY, YY-MM-DD, MM-DD-YY). This lack of standardization creates unnecessary requirements for separate

record maintenance and report preparation. In some cases, separate reports, containing the same data but in different formats, must be generated to satisfy reporting requirements. This situation often leads to redundant record keeping and the inherent problems of control, integrity and accuracy of data. The standardization concept becomes more important when applied to afloat units (ships, staffs, air squadrons) that must interface with several different shore organizations, whether military (DoD), federal (e.g., USCG, FAA, DEA) or civilian (e.g., emergency services, port services).

Efforts thus far have been directed at standardizing data elements, the most basic level in the hierarchy of data, as the foundation for standardizing Management Information Systems within DoD. An automated Data Dictionary System (DDS) has been developed by the Army to provide on-line access to all data elements created using the published data element naming standards. [Ref. 2]

While the standardization of data elements is an important step in promoting data sharing, facilitating data integration and interoperability, a higher level of standardization, at the schema level, is necessary to better accomplish these goals. Since the organizational structure and functions of common areas (e.g., administration) within the organizational units of each service are very similar, schema level standardization is particularly attractive.

Consider, for example, the administrative functions and organization of a Navy unit. Regardless of size or operational mission, the administrative organization and functions of Navy units are essentially the same as required by the **STANDARD ORGANIZATION AND REGULATIONS MANUAL OF THE U.S. NAVY (OPNAVINST 3120.32)**. As a result, the data requirements to support these functions are essentially the same. Larger units have more functions and greater composition at the various levels of the organization structure (e.g., the number and designation of work groups). For example, a combatant ship might have four departments (Operations, Weapons, Engineering and Supply), while an aircraft carrier has several more departments (e.g., Air, Deck, Medical, Legal, Repair, etc.).

Standardization of data at the schema level could greatly improve data exchange (e.g., personnel, material, technical) between Navy units by allowing electronic transfer of data between databases. Personnel transfers, transfer of technical and material data between units (ship-ship, ship-shore), and updates to a unit's databases (e.g., technical info, supply) could be accomplished with a significant improvement in timeliness, data accuracy and integrity.

B. OBJECTIVE AND SCOPE

This thesis develops a high level conceptual data model of a subset of the administrative functions common to a typical naval ship. The functions investigated in this thesis include

PERSONNEL, TRAINING, SHIP SECRETARY, WELFARE AND RECREATION (WELREC), COMMAND CAREER COUNSELOR (CCC), PUBLIC AFFAIRS OFFICER (PAO), EDUCATIONAL SERVICES OFFICER (ESO), MASTER AT ARMS (MAA) and LEGAL. The data required to perform each function is captured in an Entity Relationship Diagram. These diagrams include the entities, attributes, relationships and constraints required to perform each function. This method results in standardizing the data elements, which is clearly an important step in standardizing Management Information Systems within DoD. Standard data elements are used in developing the Entity Relationship Diagrams. These diagrams are then combined into a single, nonredundant, global schema that represents the global data required for these functions.

C. METHODOLOGY

To accomplish our objective of developing a high level conceptual data model of the specified administrative functions, we use the following four step approach. For each function we:

1. Determine and analyze data user requirements, data items and data flows.
2. Develop a conceptual model to describe entities, data items, relationships and constraints.
3. Compile a data dictionary that defines and describes all data items.
4. Integrate the resulting subschemas into a single, non-redundant schema.

D. ORGANIZATION

This thesis is organized as follows. Chapter II describes the standard shipboard organization and discusses the administrative functions to be examined in this study. Chapter III discusses this data modeling approach. Chapter IV applies this data modeling approach to the administrative functions described above. Chapter V takes the Entity Relationship Diagram for each administrative function and integrates them to form a global, nonredundant, conceptual schema. A high level abstraction of this global schema is then formed by using the entity clustering approach. Chapter VI provides a summary of our experience using the methodology and reviews conclusions and lessons learned during the course of this study.

II. STANDARD SHIP ORGANIZATION AND FUNCTIONS

A. SHIP ORGANIZATION

The standard organization of ships is based on the requirements for conducting wartime missions. In order to meet the requirements of an operational environment, a ship is organized according to function (e.g., engineering and operations). This organization consists of functional departments which are divided into divisions and further subdivided into work centers. The number of departments within a ship varies with ship type. For example, large ships such as aircraft carriers have many more departments than smaller ships such as frigates or destroyers. However, the organizational structure is basically very similar, regardless of ship type and number of departments.

A ship's organization has two aspects. First, the fixed aspect deals with the structure of the organization and can be illustrated in the form of organization charts and diagrams. Figure 1 illustrates a typical organization chart for a ship. Second, the dynamic aspect deals predominantly with the human elements of the organization. Figure 2 illustrates this second aspect. With regard to the second, human aspect of the ship's organization, the following discusses the delineation of authority and responsibility for people assigned to various positions within the shipboard organization.

1. Commanding Officer

The Commanding Officer is charged with absolute responsibility for the safety, well-being and efficiency of his/her

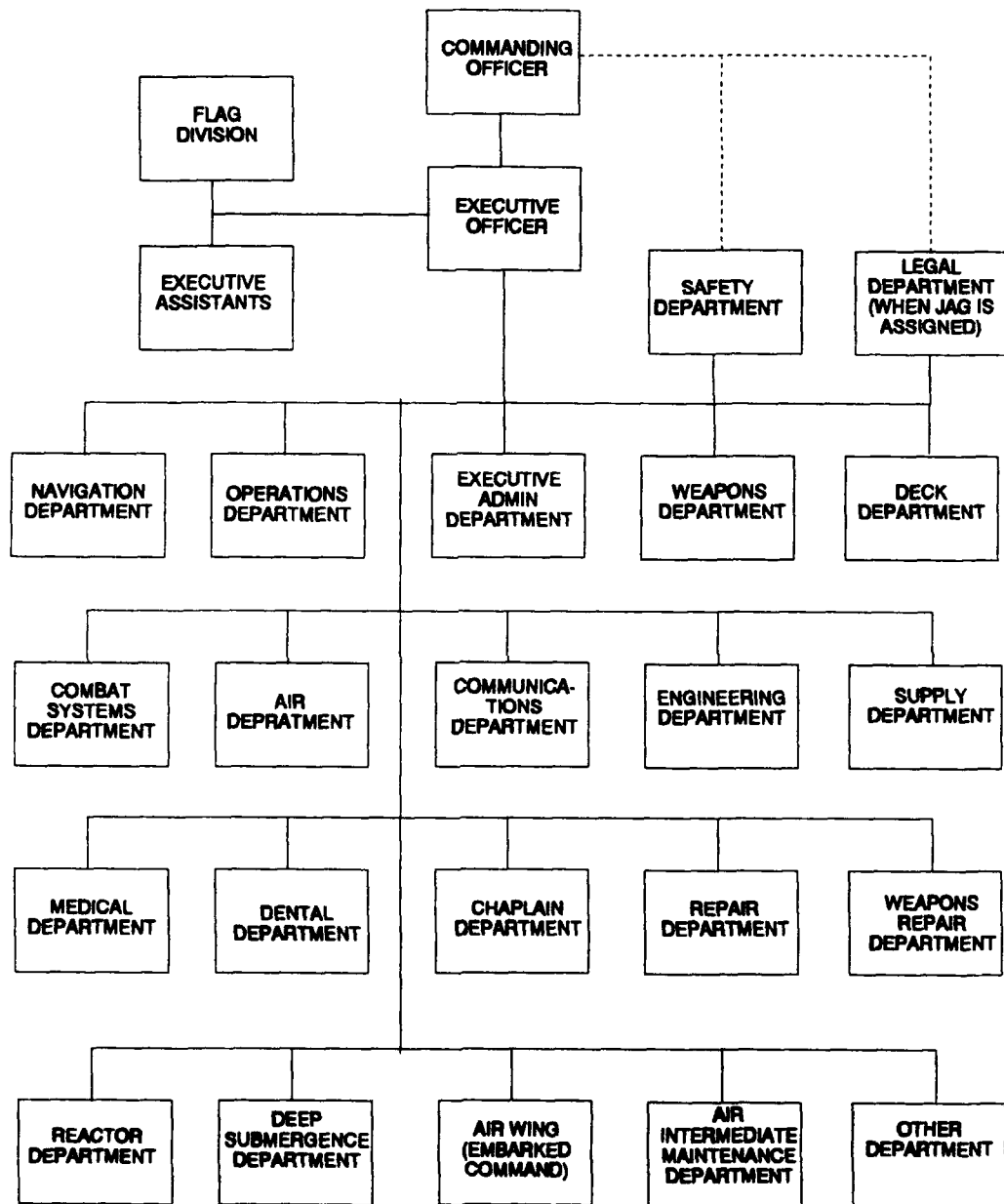


Figure 1: Standard Shipboard Organization

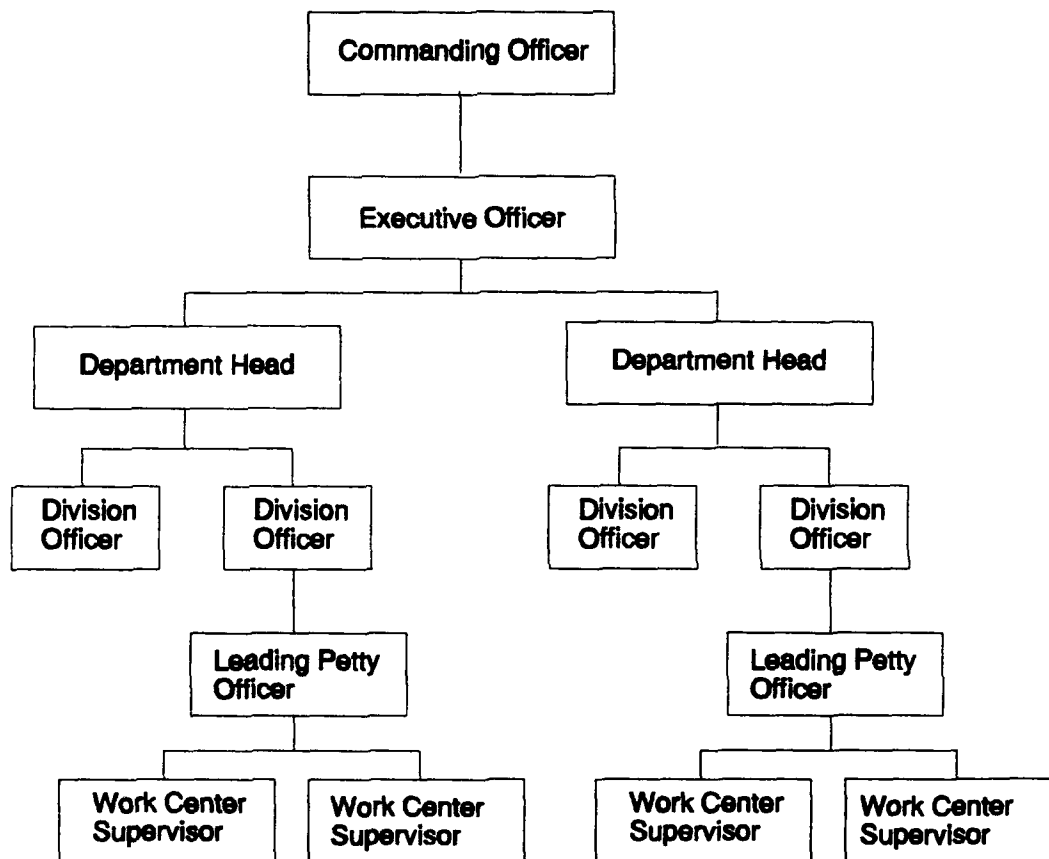


Figure 2: Departmental Organization

command. The duties and responsibilities of the Commanding Officer are established by U.S. Navy Regulations, general orders, customs and tradition.

2. Executive Officer

The Executive Officer is the direct representative of the Commanding Officer and is primarily responsible, under the Commanding Officer, for the organization, performance of duty and good order and discipline of the entire command.

Assistants may be assigned to the Executive Officer to aid in the accomplishment of specific command administrative functions (i.e., Legal, Safety, Security, Training, Public Affairs, etc.). Their duties may be primary or collateral. When performing duties on a collateral basis, officers and petty officers acting as assistants to the Executive Officer report directly to him/her, regardless of their primary assignment (department, division) in the organization. Figure 3 illustrates the executive assistants examined in this thesis.

3. Head of Department

The Department Head is the representative of the Commanding Officer in matters pertaining to his/her assigned department, reporting directly to the Commanding Officer concerning departmental matters whenever such action is necessary. The Commanding Officer and, as appropriate, the Executive Officer, will be informed of the material and operational readiness of assigned equipment and shipboard spaces, status of equipment repairs, crew

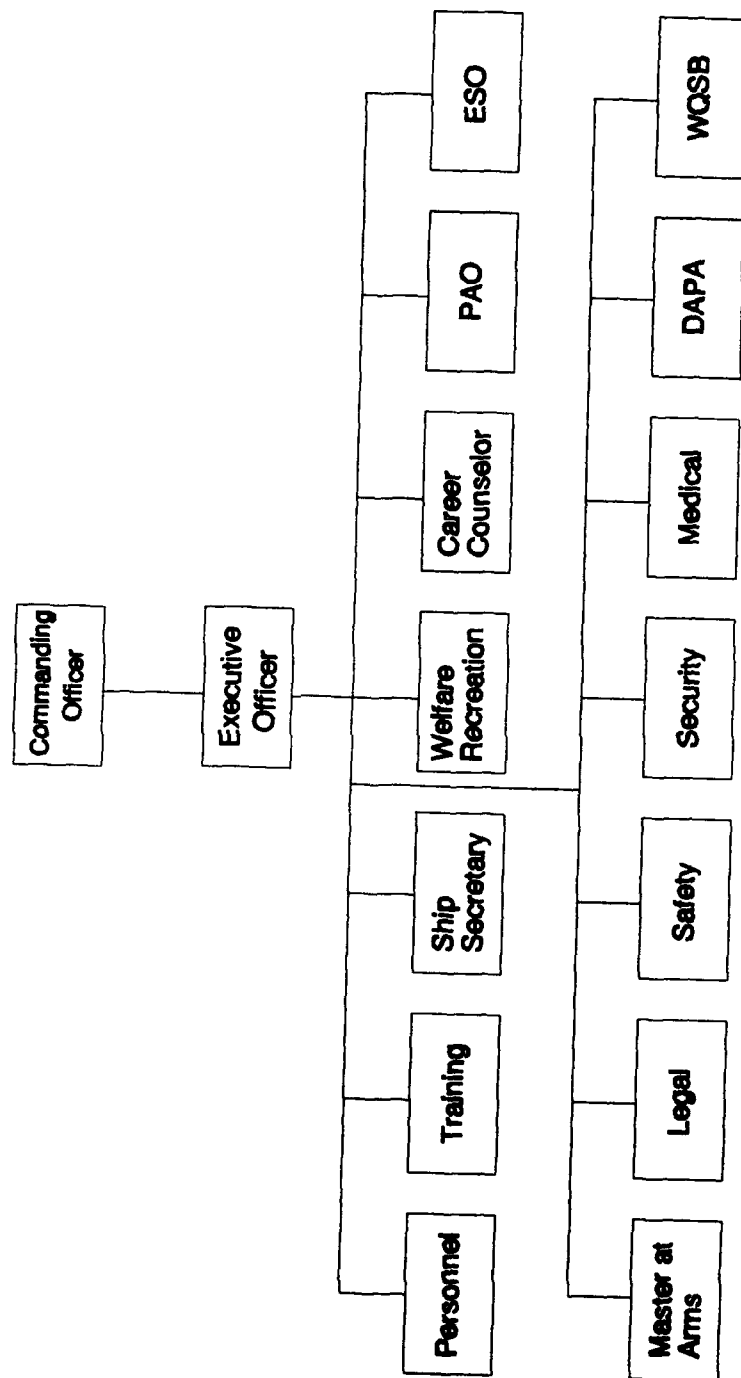


Figure 3: Executive Assistants

training, and personnel and material needs of the department. An officer may head more than one department on smaller ships.

Assistants required for the proper performance of department functions may be assigned to each department concerned. Specific functions may include Administration, Supply, Training and Maintenance.

The Department Head reports to the Executive Officer on all administrative matters and advises the Executive Officer of reports to the Commanding Officer. Immediate subordinates assigned to the Department Head report directly to him/her.

Within a given department, there may be more than one division. For example, within the Combat Systems department, there may be separate divisions for sonar, gunnery, missiles and electronic repair.

4. Division Officer

A Division Officer is assigned by the Commanding Officer to command a division within a department of the unit's organization. He/she is responsible, under the Department Head, for the operational and maintenance duties assigned to the division as well as the training, conduct and welfare of personnel assigned to the division, following regulations and orders of the Commanding Officer and other superiors. The Division Officer must stay informed of the capabilities and needs of each subordinate, and within his/her authority, take actions to maintain the efficiency of the division and welfare and morale of subordinates.

The Division Officer reports to the Department Head regarding the performance of his/her assigned duties. Within a division, the following personnel report to the Division Officer:

- The junior division officer (when assigned) regarding assigned duties.
- Technical or material assistants (when assigned).
- The leading chief petty officer (LCPO) or leading petty officer (LPO), for the daily operations of the division.

5. Leading (Chief) Petty Officer (LCPO/LPO)

The senior chief petty officer or petty officer within a division is normally assigned duties of Leading (Chief) Petty Officer (LCPO/LPO). He/she assists the Division Officer in the administration, supervision and training of division personnel. The division LCPO/LPO reports to the division officer (or junior division officer when assigned). A division may have more than one work center. For example, within the Sonar division of the Combat Systems department, there may be a work center for each sonar system: the torpedo weapon system and other weapon systems as necessary.

6. Work Center Supervisor (WCS)

The work center supervisor is normally the senior petty officer in charge of a specific operational or maintenance group within a division and will be responsible to the Department Head, via the Division Officer and LPO, for Material, Maintenance and Management (3-M) system operation and training within the work center. The work center supervisor reports to the division LPO and

the department 3-M assistant. All personnel assigned to the work center report to the work center supervisor.

B. DATA REQUIREMENTS AND DATA FLOW

There are two types of data requirements within the ship's organization. The first type is operational data such as ship exercises and unit readiness reporting. The second type is administrative data requirements necessary for the daily functions of the ship, such as personnel, education and training programs. The data flows for these types of data/information within a ship can be characterized in two ways; intra- and inter-departmental. Intra-departmental data flow is contained within the structured departmental boundaries previously described. For example, information about the training status of a given work center would move from the individual through the work center supervisor to the Division Officer, via the division LPO, and continue through the Department Head to the Executive Officer and the Commanding Officer. This data flow path is known as "THE CHAIN OF COMMAND" and is bi-directional (top-bottom / bottom-top). This pattern can be characterized by a single source and several receivers of a given data item.

The second, and less structured, flow path is the inter-departmental data flow. In this method, several sources provide data to a relatively few number of receivers. The data flows across several departmental boundaries at all levels within the unit. This multi-directional pattern is the least tangible but most often used data flow pattern in a unit. As an example, if a crew member goes

to Captain's Mast and is awarded a reduction in rate, the Personnel Officer must officially change the member's rate; the Career Counselor and the Educational Services Officer note the member's reduced rate and subsequent impact on advancement and/or reenlistment programs; and the Security Officer must be informed to take appropriate action regarding the member's participation in the PRP and/or security force.

Administrative data is the kind of inter-departmental data that we are most interested in modeling, as it is the most commonly shared data within the organization. Input and utilization of this data by users from different departments would be significantly improved if the data elements could be identified and modeled for use in a central repository or a database on board the ship. A central database would facilitate improved security and integrity of the data and provide for timely and accurate information available to multiple users simultaneously. A shipboard database could be updated by internal as well as external sources (e.g., Manpower documents, technical data, etc.).

We examined the administrative data requirements on board a typical Navy ship and identified the data maintained by the Executive Officer's assistants for various administrative functions to contain the majority of the data we want to model.

C. ADMINISTRATIVE FUNCTIONS

Administrative data requirements are routine for every position in the organization, regardless of department. In order to accommodate the efficient execution of these administrative functions, the

Executive Officer assigns administrative executive assistants to perform them. These administrative assistants may be either officers or enlisted personnel. Administrative duties may be collateral duties in addition to a member's primary function on board the ship. For example, the Personnel Officer may be assigned collateral duties such as Legal Officer and Welfare and Recreation Officer. Other administrative duties, such as the Command Career Counselor, are assigned as primary duties to a member of the crew. All department heads and executive assistants report directly to the Executive Officer with regard to administrative matters.

This study focuses on the following administrative functions common to any ship, regardless of class: PERSONNEL, TRAINING, SHIP SECRETARY, WELFARE AND RECREATION, COMMAND CAREER COUNSELOR, PUBLIC AFFAIRS OFFICER, EDUCATIONAL SERVICES OFFICER, MASTER AT ARMS, and LEGAL.

1. PERSONNEL

This function stores and maintains information on a member, his identification, citizenship, assignment history, life insurance, and emergency data. It also maintains information on a member's dependents and their dependent identification. Information on the member's assigned billet, assignment history, orders, leave, awards, prior military service, and administrative remarks are also tracked in the personnel function.

Since a member could be either officer or enlisted, the personnel function tracks information which is specific to each. For enlisted personnel, this information includes enlistment

contract, enlistment extensions and performance evaluations. An officer will have his promotions and his designators tracked by this function.

2. TRAINING

This function covers different aspects of crew training and qualifications. Training is accomplished by all organizational units aboard the ship, with the Training Department monitoring and maintaining the records. This function allows the tracking of quotas for the scheduling of off-ship schools; school and Naval Enlisted Classification (NEC) requirements; PQS (Personnel Qualification System), which is concerned with watchstation training and qualification assigned to every member of the crew (officer and enlisted); and the number of people required to be qualified for each PQS item, special certifications, and training lectures. It also tracks inspection requirements and Type Commander (TYCOM) required exercises which are performed by the departments.

3. SHIP SECRETARY

This function utilizes data necessary for the maintenance of the command's administrative library, correspondence files, collateral duty assignments, daily schedule items, and tickler items. It also tracks information regarding the ship's guests, transfer addresses of members, and the primary duty assignments to the different departments, divisions, and work centers.

4. WELFARE AND RECREATION

This function keeps information on ticket receipts and sales for special functions like ball games or theater tickets. It

also keeps track of equipment inventories for the fixed and issuable recreation equipment.

5. COMMAND CAREER COUNSELOR (CCC)

This function monitors enlisted career intentions via interviews, duty preferences, school preferences, performance development boards, and retention programs. It also tracks an enlisted member's transfer information.

6. PUBLIC AFFAIRS OFFICER (PAO)

This function stores information concerning press releases, command history, command CO and XO history, and hometown news release information on individual members.

7. EDUCATIONAL SERVICES OFFICER

The Educational Services Officer (ESO) function utilizes data related to the education of members on board the ship, both duty-related courses and off-duty education. It tracks information on the advancement requirements of the enlisted members. This information includes military leadership exams, performance tests, advancement exams, and prior advancements. Armed Services Variable Aptitude Battery (ASVAB) exams, Naval Enlisted Classification codes and special study skills are also kept by this function.

8. MASTER AT ARMS

This function allows the tracking of the command's urinalysis program and the custody and disposition of investigation evidence.

9. LEGAL

This function deals with data associated with the legal matters specific to a member and also to the command in general. The information associated with a member includes search consents, civilian arrests, captain's masts, courts martial, legal encounters, Naval Investigative Service (NIS) investigations, administrative separations, administrative discharge boards, and unauthorized absences. The information associated with the command includes Privacy Act request releases, Freedom of Information Act (FOIA) releases, search authorizations, and congressional inquiries.

The generic shipboard organization and administrative organization have been discussed, with administrative functions specific to this study described. In the next chapter we will discuss the data modeling approach to be used on these administrative functions.

III. DATA MODELING

A. DATA MODELING APPROACH

The data modeling approach is a way to describe data from the user's point of view, which is independent of how that data is stored and utilized. The goal of data modeling is to capture the data requirements of an organization in a simple and understandable way to both the designer and the end-user. The following is a brief description of the steps involved in data modeling as applied to modeling data of a generic ship. A graphical representation of these steps as it applies to database design is shown in Figure 4.

1. Requirements Collection and Analysis

In order to effectively design the schema, we must know the uses of the database and the expectations of the users. These requirements are collected and analyzed in this step. There are several alternative methods for collecting the requirements. The following are the most commonly used approaches in performing this step: (These are discussed in Ref. 3.)

a. Identification of User Groups and Application Areas

The key individuals must be identified from each user group to assist with the requirements collection and specification. Each major application area and the user groups that will use the database must also be identified.

b. Review of Existing Documentation

Any existing documentation for the applications must be reviewed and analyzed. This documentation, which includes policy manuals, forms, reports, and organization charts, is examined to

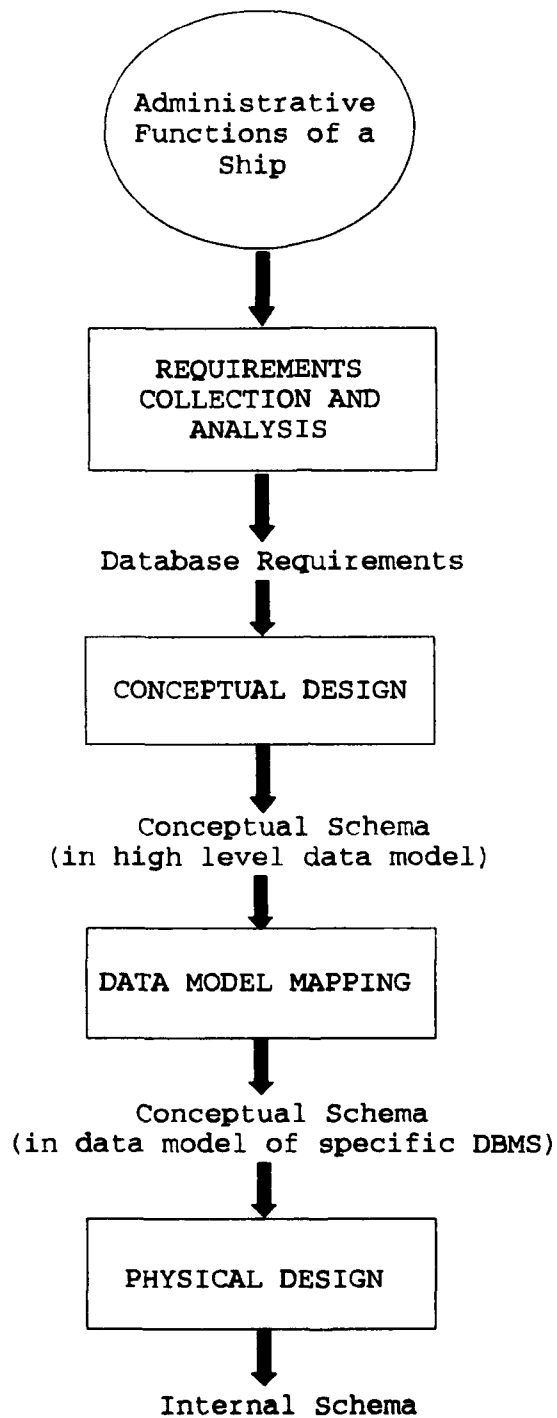


Figure 4: Database Design Method

determine if it contains information which should be included in the database.

c. Analysis of the Operating Environment and the Processing Requirements

The current and future use of the processing requirements of the system must be analyzed. The types and frequencies of transactions, including their input and output data, are analyzed along with the flow of information within the system. These provide important information about the frequency and volume of updates to the database.

d. Questionnaires and Interviews

Potential users of the database should be given written questionnaires regarding their priorities and the importance they place on the different applications. The key individuals should be interviewed in order to obtain more detailed information from them about the worth of the information and the priorities.

In our application, the administrative functions of a generic ship were examined using all of the above mentioned methods, except for questionnaires, to determine the data required to support each function.

2. Conceptual Design

The conceptual schema describes the data requirements of the users in a high level model, giving detailed descriptions of the entities, their attributes, relationships between these entities, and constraint on the relationships. Because implementation details are ignored at this point, this schema is easier for

non-technical users to understand and database designers can concentrate on describing the data requirements with no concern about storage requirements. This step also involves consolidating multiple views into a single, nonredundant, global schema. This is required when more than one person, each with a different perspective of the world, is involved in requirements collection and analysis. A high level data model is used in this step because it is more expressive and general than data models of individual DBMS's. [Ref. 3] We have used the Entity Relationship Model (ERM) as our high level conceptual model. A detailed description of ERM is given in Section B.

3. Data Model Mapping

After this conceptual design (or schema) is completed, it is transformed from a high level data model to the implementation data model. This transformation is dependent on the data model that will be used for implementation (e.g., relational, hierarchical, network) rather than a specific DBMS. For example, if we decide to use a relational DBMS for the final implementation, then a system independent relational schema will be the output of this phase. External schema (views) for each application using the database are usually defined during this phase.

4. Physical Design

The final step is converting this conceptual schema into the Physical Design, which specifies internal storage structures and file organizations for the specific DBMS used. [Ref. 3]

This thesis will focus on the first two steps in this data modeling approach. The administrative functions of a generic ship will be analyzed and the requirements will be collected for each function. A high level data model will be developed for each function, and the independent views of these functions will be integrated into a single, nonredundant, global schema.

The following section discusses the Entity Relationship Model in detail.

B. ENTITY RELATIONSHIP MODEL

The Entity Relationship model is used as a technique for high level conceptual data modeling. It consists of entities and their attributes and the relationships between the entities. The basic constructs of the Entity Relationship Model are depicted in Figure 5. The concepts contained in this discussion are derived from Reference 4.

An entity is a "thing" in the real world which can be distinctly identified. It is usually a person, place, thing, or event of informational interest and is represented by a rectangle. A particular occurrence of an entity is called an entity instance. A MEMBER is an entity and an instance of this entity would be "LT John Smith." Each entity has specific attributes which further describe it. For example, a member may be described by his name, address, phone number, sex, age, etc. There is at least one attribute which distinctly identifies that entity: this is called the key attribute. For example, social security number is the key attribute for a MEMBER. A weak entity is a type of entity which

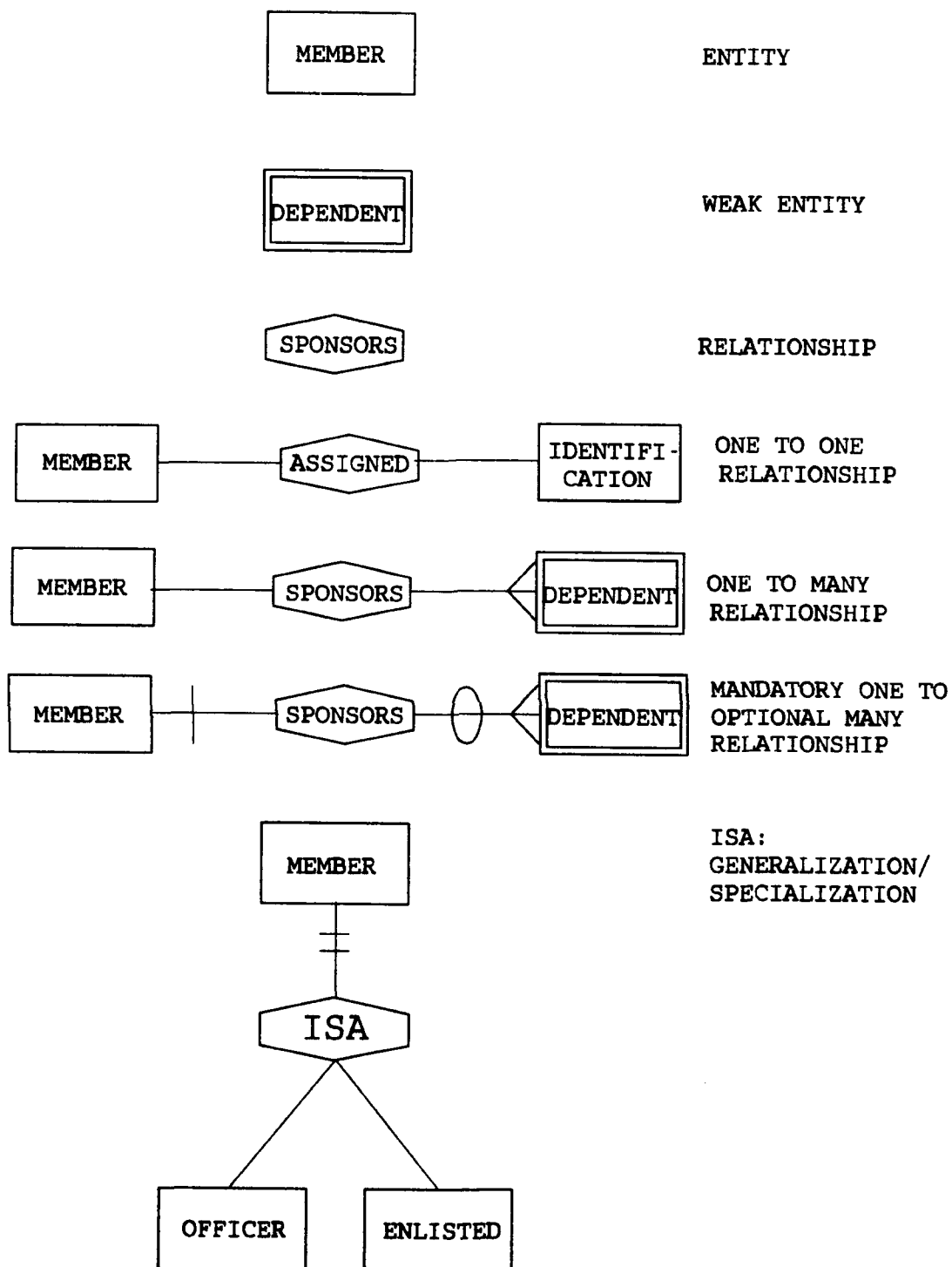


Figure 5: Basic Constructs in Entity Relationship Diagram

depends on the existence of another entity type. For example, **DEPENDENT** cannot occur by itself in an organization's database; rather it depends on the existence of the entity **MEMBER**. A weak entity is represented by a double rectangle.

Relationships represent association among entities. For example, **ASSIGNED** is a relationship between a **MEMBER** and an **IDENTIFICATION**. A relationship is represented by a diamond-shaped box with lines connected to the related entities. Relationships can be classified according to the type of mapping between entities. These are one-to-one, one-to-many and many-to-many. As Figure 5 shows, a one-to-one relationship is represented by a straight line between the entities and the relationship. A one-to-many relationship is represented by a straight line between the single entity and the relationship and a straight line between the relationship and the entity with multiple instances, with a crow's foot on the end next to the entity. A many-to-many relationship has crow's feet on the lines next to both entities. Relationships can also be classified according to whether they are mandatory or optional. If an occurrence of an entity must always exist for the other entity to be included in the relationship, then it is mandatory. If the occurrence need not exist, it is optional. For example, the relationship between **MEMBER** and **DEPENDENT** is mandatory-one-to-optional-many. This means the **MEMBER** may have one or more **DEPENDENTS**, but if a **DEPENDENT** exists, it must belong to one **MEMBER**. It is important that the designer identify the type of mapping and existence constraints of relationships and include them in the

entity relationship diagram. An optional relationship is represented by an "O" on the connecting line between the entity and the relationship, next to the entity that is optional. A mandatory relationship is represented by a straight line across the connecting line between the entity and the relationship, next to the entity that is mandatory. Figure 5 illustrates how these relationships are represented.

Generalization/Specialization (or ISA) relationships are also represented in an Entity Relationship Diagram. Specialization occurs when an entity is partitioned by different values of a common attribute; this is also known as a superclass and subclass relationship. For example, MEMBER is a generalization of OFFICER and ENLISTED service members. MEMBER is the superclass and OFFICER and ENLISTED are the subclasses. This is denoted by the ISA relationship, which is read MEMBER is a(n) ENLISTED. Both OFFICER and ENLISTED share common attributes, such as social security number or address, but both have distinct attributes associated only with that generalization/specialization. For example, OFFICER would have the attribute RANK, while ENLISTED would have the attributes RATE and RATING. ENLISTED would also have advancement exam data elements that an OFFICER would not have. A MEMBER can be either an OFFICER or an ENLISTED. If the MEMBER were an OFFICER, he would have all the attributes of MEMBER plus the attributes of OFFICER. If he were an ENLISTED he would have all the attributes of MEMBER plus the attributes of ENLISTED. In a generalization, a MEMBER would have to be either an OFFICER or an ENLISTED. In a

disjunct specialization, a MEMBER would have the option of being OFFICER, ENLISTED, or neither. For example, a MEMBER could be a civilian employee and not included in OFFICER or ENLISTED. This is a disjunct relationship, because a MEMBER could be an OFFICER or an ENLISTED, but not both.

There is also an overlapping specialization. This is where an entity can be a member of more than one subclass. For example, a PERSON could be a generalization of FACULTY, STAFF and STUDENT. A PERSON could be a STAFF member and a STUDENT at the same time.

[Ref. 4]

In the next chapter, we apply the Entity Relationship Methodology discussed above to develop a high level conceptual model for the administrative functions studied in this thesis.

IV. CONCEPTUAL DESIGN

In this chapter we apply the data modeling approach presented in the previous chapter to modeling the data requirements for the following functions: PERSONNEL, TRAINING, SHIP SECRETARY, WELFARE AND RECREATION (WELREC), COMMAND CAREER COUNSELOR (CCC), PUBLIC AFFAIRS OFFICER (PAO), EDUCATIONAL SERVICES OFFICER (ESO), MASTER AT ARMS (MAA), and LEGAL. In the following sections, we present in detail the Entity Relationship Diagram for each function. In the text that follows, an entity is represented by uppercase words; mandatory relationships will be stated with "must," and optional relationships will be stated with "may."

A. PERSONNEL

The PERSONNEL administrative function handles the majority of the information specific to a MEMBER. The entity relationship diagram for this function is located in APPENDIX A. A MEMBER IS A(n) OFFICER or an ENLISTED. A MEMBER entity describes a service member and is identified by the member's social security number; it also includes name, address, sex, etc. An OFFICER entity has distinguishing attributes such as rank, commission date, commissioning source, year group, etc. An ENLISTED entity has attributes such as rate, rating, end of active obligated service, etc. Each MEMBER must be assigned an IDENTIFICATION which is identified by the ID card number, and contains issue/expiration date, Geneva category, etc. A MEMBER may sponsor one or more DEPENDENTS. The DEPENDENT entity is identified by the dependent first and middle names and contains information on that DEPENDENT such as last name,

address, relation, sex, etc. A DEPENDENT must also be assigned a DEPENDENT IDENTIFICATION which contains privileges authorized, expiration date, issue date, etc. Each MEMBER may be granted many LEAVE periods. A LEAVE entity contains information such as leave start and end dates, leave address and phone, travel mode, leave type, etc., and a leave control number as its identifier. A CITIZENSHIP must be obtained by a MEMBER. The CITIZENSHIP entity contains current citizenship, naturalization date, naturalization place, etc. GROUP LIFE INSURANCE may be selected by a MEMBER. This entity contains information about the member's GROUP LIFE INSURANCE policy such as beneficiary name, beneficiary payment, entitlement effective date, etc. A MEMBER must be authorized at least one set of ORDERS throughout his career. An ORDERS entity is identified by order number, and contains attributes associated with ORDERS like order type, reason for orders, start and end dates, etc. A unit (e.g., a ship) is assigned BILLET allowances, and a MEMBER must be assigned to one of the ship's BILLETS. The BILLET contains billet number, required rate, etc. The relationship "assigned to" contains the MEMBER's projected rotation date and his prospective gain date. A MEMBER may have many instances of PRIOR MILITARY SERVICE. The information in this entity includes from and to service dates as the key attributes, military service branch, service discharge type, etc. A MEMBER may be administered many ADMINISTRATIVE REMARKS, which contain a date as the key attribute and a memo attribute for miscellaneous information. A MEMBER must keep EMERGENCY DATA which stores next of kin information in case of an

emergency. A MEMBER must maintain one or more instances of an ASSIGNMENT HISTORY ITEM, an instance of which contains a past command assignment and associated dates; the start date is the key attribute. He may be presented many AWARDS for exceptional duty. The AWARD entity contains the award type and date as the key attribute and includes award name and award authority. An OFFICER may earn many DESIGNATORS. This entity contains the designator type, and current rank, with designator date as the key attribute. An OFFICER must also obtain one or more PROMOTIONS. This entity contains the promotion type, promotion rank, etc., with promotion date as the key attribute. An ENLISTED must make an ENLISTMENT CONTRACT. The ENLISTMENT CONTRACT contains enlistment date, enlistment duration etc. An ENLISTED may also sign ENLISTMENT EXTENSIONS. This entity is identified by the extension date, and contains extension term, extension reason, etc. An ENLISTED must have one or more PERFORMANCE EVALS which contain eval date, eval grades, and eval rank; the eval date is the key attribute.

B. TRAINING

Training is accomplished by all organizational units aboard the ship, with the Training Department monitoring and maintaining the records. Most training is focused on the individual; however, there are certain training requirements that are accomplished by a department as a whole. The entity relationship diagram for this function is located in APPENDIX B.

One or more INSPECTION REQUIREMENTS must be performed by one or more DEPARTMENTS. An instance of an INSPECTION REQUIREMENT is

identified by the inspection description and date due, and also contains an inspection department name, inspection item, inspection last date, etc. Many DEPARTMENTS may perform many TYPE COMMANDER (TYCOM) EXERCISES, an instance of which includes exercise number, as the key attribute, exercise periodicity, exercise dates, etc.

Many SCHOOL/NEC REQUIREMENTS may be tracked by TRAINING. An instance of a SCHOOL/NEC REQUIREMENT contains school/NEC number, as the key attribute, school applicable NEC, school/NEC number required, etc. TRAINING may track many SCHOOL QUOTAS, which contain information such as quota school name, quota school date, etc., with the quota control number as the key attribute. TRAINING must monitor many PQS ITEMS. The attributes contained in this entity are PQS item number, as the key attribute, and the number of people required for that item. TRAINING may oversee many CERTIFICATIONS which may be achieved by many MEMBERS. An instance of a CERTIFICATION is identified by the certification name and date last certified, and includes certification requalification date and remarks. The relationship "achieved by" contains the achieved date and remarks. A MEMBER may be assigned duties as the TRAINING Officer. TRAINING may coordinate many TRAINING LECTURES which must be attended by one or more MEMBERS. A TRAINING LECTURE instance is identified by training lecture number, and includes training lecture periodicity, training lecture instructor, etc. The relationship "attends" contains the MEMBER's attendance date and attendance remarks. A MEMBER may complete many PERSONNEL QUALIFICATION STANDARDS (PQS). An instance of PQS includes information such

as PQS title, as the key attribute, PQS mission area, PQS naval education training (NAVEDTRA) number, etc.

C. SHIP SECRETARY

The SHIP SECRETARY function handles the administrative requirements for the Executive Officer. The entity relationship diagram for this function is located in APPENDIX C. One or more TICKLER ITEMS must be tracked by the SHIP SECRETARY. These TICKLER ITEMS must be performed by one or more DEPARTMENTS and contain tickler item name, as the key attribute, periodicity, last performed date, etc. One or more COLLATERAL DUTYs are tracked by the SHIP SECRETARY and may be assigned to many MEMBERS. A COLLATERAL DUTY entity contains the collateral duty name, which is the key attribute. The "assigned to" relation contains the date assigned attribute. One or more DEPARTMENTS are responsible for one or more COLLATERAL DUTYs. DEPARTMENTS are identified by the department name. A MEMBER may be assigned as the SHIP SECRETARY. The SHIP SECRETARY must file one or more CORRESPONDENCE ITEMS, which contain such attributes as item serial number and date, both comprising the key attribute, description, standard subject identification code (SSIC), etc. The SHIP SECRETARY may track many SHIPS GUESTs. The attributes contained in SHIPS GUEST include guest name, as the key attribute, command, duty phone, etc. The SHIP SECRETARY must keep one or more ADMIN LIBRARY ITEMS which may be checked out by one or more MEMBERS. An ADMIN LIBRARY ITEM is identified by the instruction/publication number, and includes item description, item issue date, etc. The "checks out" relationship contains the check out

date and check out return date. A MEMBER may provide a TRANSFER ADDRESS; this must occur upon the MEMBER's transfer from the command. This entity consists of the transfer command UIC, transfer command name, home address, etc.

The SHIP SECRETARY function also oversees the shipboard overall organization, i.e., who is responsible to whom. A DEPARTMENT must be headed by a MEMBER. A DEPARTMENT may have one or more DIVISIONS. The DEPARTMENT entity consists of department name, department head name, department location, etc., with the department name as the key attribute. A MEMBER must run a DIVISION. The DIVISION entity contains division name, division officer name, division location, etc., with the division name as the key attribute. A DIVISION may consist of one or more WORK CENTERS. A WORK CENTER must be supervised by a MEMBER. The WORK CENTER entity contains work center name, work center supervisor name, work center number, etc., with the work center name as the key attribute. One or more DAILY SCHEDULE ITEMS must be met by one or more DEPARTMENTS, DIVISIONS and WORK CENTERS. The DAILY SCHEDULE ITEM entity consists of item date, item name, person responsible, etc., with the item date and name as the key attribute.

D. WELFARE AND RECREATION

The WELFARE AND RECREATION function handles recreation services such as ticket sales and recreation equipment. The Welfare and Recreation entity relationship diagram is in APPENDIX D. The attributes of the WELFARE AND RECREATION entity are the location and phone number of the Welfare and Recreation Officer. A MEMBER

may be the WELFARE AND RECREATION Representative. WELFARE AND RECREATION may receive many TICKET BLOCKs, an instance of which is a group of tickets to a particular function. This entity is identified by ticket block function and ticket block receipt date, and includes attributes such as number of adult and child tickets, etc. A TICKET BLOCK must contain at least one TICKET. TICKET information includes ticket serial number, ticket purchaser name, ticket sale price, etc., with ticket serial number as the key attribute. WELFARE AND RECREATION may track many items of EQUIPMENT, which is either ISSUABLE or FIXED. An instance of EQUIPMENT is identified by equipment serial number and includes attributes such as equipment location, equipment description, etc. ISSUABLE attributes include quantity and quantity last updated date. The attribute specific to FIXED equipment is fixed equipment acquisition age. Many ISSUABLE equipment items may be checked out to many MEMBERS. The attributes applicable to the "check out" relationship are equipment checked out date and equipment checked in date.

E. COMMAND CAREER COUNSELOR (CCC)

The CCC function monitors ENLISTED programs and career and transfer desires of the ENLISTED members. The entity relationship diagram of this function is in APPENDIX E. TRANSFER INFORMATION must be kept on an ENLISTED. This information includes such items as career intentions, last deployment length and return date, household effects info, etc. An ENLISTED may attend many PERFORMANCE DEVELOPMENT BOARDS (PDB's) which evaluate requests for striking for (entry into) a rating or for applying for a special

program (e.g., a commissioning program). A PDB entity has the following attributes: PDB date, which is the key attribute, PDB approval (Y/N), PDB comments, and PDB reason. An ENLISTED may participate in many CCC INTERVIEWS. An instance of a CCC INTERVIEW includes such attributes as interview date, which is the key attribute, interview type, interview comments, etc. An ENLISTED must have a SCHOOL PREFERENCE which indicates the service school name he prefers, and the duty type, duty location, etc., for which he is willing to extend obligated service in order to get a particular school. An ENLISTED must submit many DUTY PREFERENCES throughout his career. A DUTY PREFERENCE is identified by duty type and submission date, and includes attributes such as duty/activity code, type and location (for first, second and third choices) that he prefers, etc. An ENLISTED may join many RETENTION PROGRAMS during his career. An instance of a RETENTION PROGRAM includes attributes such as retention program name, description, minimum and maximum age allowed, etc., with retention program name as the key attribute.

F. PUBLIC AFFAIRS OFFICER (PAO)

The PAO function is the interface between the ship and the media. The PAO entity relationship diagram is located in APPENDIX F. Many PRESS RELEASES may be submitted by the PAO. A PRESS RELEASE contains the press release date, which is the key identifier, description, and destination. The PAO may file many COMMAND HISTORY ITEMS for future use. The information stored in this entity is the item date, which is the key attribute, and the item description.

The PAO must track the many COMMAND CO/XO's. An instance of this entity contains the CO or XO name, the from and to dates of the CO or XO, and an indicator to indicate if he was a CO or XO. The from date and indicator uniquely identify one instance of this entity. The COMMAND CO/XO could be an OFFICER on the ship. A MEMBER may be assigned as the PAO. The PAO may utilize many instances of HOMETOWN INFO of which one or more MEMBERS have. An instance of HOMETOWN INFO includes hometown city, address, newspaper name, etc., and is uniquely identified by city and state.

G. EDUCATIONAL SERVICES OFFICER

The EDUCATIONAL SERVICES OFFICER (ESO) handles the information pertaining to the education of the members aboard the ship and the advancement requirements of the enlisted members. This entity relationship diagram is located in APPENDIX G. A MEMBER may accomplish several instances of OFF DUTY EDUCATION. This entity consists of course number, date completed, course grade, etc., with course number as the key attribute. A MEMBER must have an EDUCATION HISTORY, which contains present education level, high school graduation date, college information, etc. A MEMBER may attend many COURSES. A COURSE will be either a NAVY SCHOOL, a TRAINING COURSE, or OTHER COURSE. A COURSE entity consists of the date course completed as the key attribute, and the code of the member who updated the entity. The attributes for a NAVY SCHOOL include Navy school title, which is the key attribute, earned Navy Enlisted Code (NEC), Navy school final mark, etc. The attributes specific to a TRAINING COURSE are training course NAVPERS number, which is the

key attribute, and course description. The attributes for OTHER COURSE include course name, location, duration, etc., with course name as the key attribute.

An ENLISTED may earn many ENLISTED CLASSIFICATION CODEs, which consist of the following attributes: classification type, code, and classification date, which is the key attribute. An ENLISTED may complete many PERSONNEL ADVANCEMENT REQUIREMENTS (PARs). This entity consists of PAR description, which is the key attribute, and date completed. An ENLISTED is given an ASVAB EXAM upon service entry. An ASVAB EXAM entity includes exam date taken, administering activity and the scores for each area. An ENLISTED may take many ADVANCEMENT EXAMs. This entity consists of exam date, which is the key attribute, exam rate, exam serial number, etc. An ENLISTED may complete many SPECIAL STUDYs, which contain information about the special studies area and the level of education in each area (high school years, college credits). The SPECIAL STUDY entity is uniquely identified by the study area name. An ENLISTED may achieve many ADVANCEMENTS during his career. The ADVANCEMENT entity contains attributes such as advancement date, which is the key attribute, rate advanced, time in rate information, etc. An ENLISTED may perform many PERFORMANCE TESTs, which measure his skill in a designated area. PERFORMANCE TEST information consists of performance test date, which is the key attribute, description and score. Many MILITARY LEADERSHIP EXAMs are administered to an ENLISTED. An instance of a MILITARY LEADERSHIP EXAM includes

military leadership exam date, which is the key attribute, score, paygrade, place, etc.

H. MASTER AT ARMS (MAA)

The MAA function keeps evidence for safekeeping and runs the urinalysis program. The MAA entity relationship diagram is located in APPENDIX H. The MAA may hold many EVIDENCE ITEMS and each EVIDENCE ITEM which must have one or more CUSTODIANS and may belong to a MEMBER. An EVIDENCE ITEM entity contains source name, date received, evidence item description, etc., and is identified by the evidence item number. A CUSTODIAN instance contains custodian from date and custodian name, as the key identifier, and other attributes such as custodian title, grade and activity. A MEMBER may be a CUSTODIAN. The MAA may conduct many URINALYSIS TESTs, each of which must be conducted on a MEMBER. At least one CUSTODIAN must keep the URINALYSIS TEST. An instance of a URINALYSIS TEST contains batch number, specimen number, date taken, results, witness name, etc. This entity is uniquely identified by batch number, specimen number and date taken. The MAA may be a MEMBER.

I. LEGAL

The LEGAL administrative function deals with legal matters specific to a MEMBER and to the command in general. The LEGAL entity relationship diagram is located in APPENDIX I.

Many SEARCH CONSENTs may be signed by a MEMBER. A SEARCH CONSENT consists of search date, location to be searched, person conducting search, etc. This entity is identified by the search date and location. Many LEGAL LETTERs may be given to a MEMBER,

which consist of the letter date, which identifies an instance of a LEGAL LETTER, letter type, commanding officer name, remarks, etc. A MEMBER may be involved in many civilian ARRESTs. This entity is identified by arrest date, and includes attributes such as arrest reason, arresting officer, etc. A MEMBER may be taken to one or more COURT MARTIALs throughout his career. The attributes contained in a COURT MARTIAL entity include court martial date, which is the key attribute, charges, convening authority name, judgement, etc. A MEMBER may have one or more RECORDs OF UNAUTHORIZED ABSENCE (UA). An instance of this entity is identified by the UA starting date and time, and includes dates and times of the unauthorized absence, apprehension information, etc. A MEMBER may have many NAVAL INVESTIGATIVE SERVICE (NIS) INVESTIGATIONs. The information kept in this entity includes investigation date, subject, type of action taken, etc., with the investigation date as the key attribute. A MEMBER may be given one or more ADMINISTRATIVE DISCHARGE BOARDs (if he is not discharged from a previous one). An instance of an ADMIN DISCHARGE BOARD will consist of the board date, board members, board recommendations, etc., with the board date as the key attribute. A MEMBER may be granted an ADMINISTRATIVE SEPARATION. This entity contains the separation date, separation type, separation reason, etc. A MEMBER may obtain many LEGAL ENCOUNTERs throughout his career. An instance of a LEGAL ENCOUNTER is identified by encounter date, and includes encounter type, place, and description. One or more CAPTAINS MASTs may be held on a MEMBER, which will consist of the mast date, which is the key

attribute, the offense date, UCMJ article violation, etc. A MEMBER may be assigned as the LEGAL Officer.

LEGAL may track many PRIVACY ACT REQUESTs. The information kept in this entity includes the request sequence number, which is the key attribute, request type, request granted indicator, date last updated, etc., to track the requests and their results. LEGAL may control many FREEDOM OF INFORMATION ACT (FOIA) RELEASEs. An instance of this entity is identified by the request date, and includes release request granted indicator, release request denied indicator, etc. LEGAL may generate many SEARCH AUTHORIZATIONS, which include attributes such as search request date, which is the key attribute, accused name, suspected offense, search place, etc., which must be authorized by the Commanding Officer. LEGAL may respond to many CONGRESSIONAL INQUIRYs. An instance of this entity is identified by the inquiry date and includes complaint nature, response, response date, etc.

A consolidated Data Dictionary for all of the Entity Relationship Diagrams discussed in this chapter is located in Appendix J. A dictionary of abbreviations and acronyms used in the diagrams is contained in Appendix K. The next chapter integrates the entity relationship diagrams developed in this chapter into a global schema, and creates higher levels of abstraction by using the entity clustering technique.

V. INTEGRATION AND ENTITY CLUSTERING

A. VIEW INTEGRATION

This chapter demonstrates the concept of integration of different user views into a single, nonredundant, global schema. The previously described entity relationship diagrams of the administrative functions represent the different user views. The view integration discussion is derived from Elmasri and Navathe [Ref. 3].

The different schemas must be compared with each other before integration occurs. Then, any detected conflicts must be resolved. There are two primary types of conflicts which can occur: naming and structural. Naming conflicts include *homonyms* and *synonyms*. *Homonyms* occur when the same name is given to two or more different entities. These can be detected by scanning the different entity relationship diagrams and looking for common names. If the different diagrams were developed with the same CASE tool, as was the case in this thesis, a central data dictionary will not allow this to occur. *Synonyms* can occur when different names are given to the same entity. These can be discovered by scanning the data dictionary for similar names and comparing them.

Structural conflicts will occur in the schema structure itself. *Type conflicts* occur when different Entity Relationship constructs are used to describe the same concept. For example, an instance of a lecture attended could be represented as an entity in one diagram and as a relationship in another. *Dependency conflicts* occur when different users specify a different connectivity between two

entities representing the same concept. For example, one user may describe the relationship as a one-to-many and another user may describe the same relationship in a different view as a many-to-many. Key conflicts result when different key attributes are assigned to the same entity in different views. For example, one user may say the key attribute of a Dependent is the dependent's social security number, and another user may designate the dependent's first and middle name as the key attribute.

In this study, the above mentioned conflicts are less likely to occur because there was only one designer involved in the process. However, the different views must be compared and checked for conflicts, because the designer may see the same relationship or entity in another perspective when designing the different views.

After the conflicts are detected, they must be resolved. This step requires user and designer interaction. The main goal is to conform the schemas so they can be integrated. This includes changing entity names, resolving relationship constraints and connectivity, changing key attributes on some entities, etc.

The final step in view integration consists of the actual merging and restructuring of the schemas. The entities that occur in several views, e.g., Member, are merged or superimposed in the integrated view. Other entities that do not overlap will stay intact with their relationships to the common entities. Any redundant relationships that occur from the merge can be dropped. In this step, the designer must make sure that the integrated view makes sense to the user, that all redundant entities and relation-

ships are removed, and that the global schema is complete. Once this global schema is developed, it can become extremely large and complex. One technique to better comprehend such a large picture is called entity clustering.

In this study, each of the administrative function entity relationship diagrams were examined and conformed for the integration. This process included resolving any conflicts detected in the diagrams. The different executive assistants for each function were renamed as "EXECUTIVE ASSISTANT." The common entities in each diagram were then merged into one entity for each type. These included MEMBER, EXECUTIVE ASSISTANT, OFFICER, ENLISTED, and DEPARTMENT. The rest of the entities did not overlap, so they appear intact in the global, merged schema. This integrated view is contained in Apendix L. The clustering technique was then applied to the global schema. This technique is discussed in the following section.

B. CLUSTERING CONCEPTS

Layered levels of abstraction can be achieved using entity clustering to create a higher level view, with fewer details, of the integrated global schema. This helps the user and the database designer better understand and manage a potentially large and complex database.

The entity clustering technique can be thought of as a *grouping* operation which combines entities and their relationships to create a higher level of abstraction. Multiple levels of abstraction can be formed by grouping entities into clusters and clusters into

higher level entity clusters. The four most common grouping operations are: dominance grouping, abstraction grouping, constraint grouping, and relationship grouping. [Ref. 5]

1. Dominance Grouping

In this operation, each dominant entity is grouped with all of its related nondominant entities to form an entity cluster. Weak entities and entities that are dependent on another entity can be absorbed into their related entity to form a cluster.

2. Abstraction Grouping

In this operation, multilevel objects, for example, generalization/specialization or aggregation, are combined to form an entity cluster. The supertype or aggregate entity name is used to name the entity cluster.

3. Constraint Grouping

In this operation, constraint related objects that extend the Entity Relationship Model, for example, two or more entities related to an entity but constrained by an exclusive OR relationship, are combined into an entity cluster. The entity cluster is named with the name of the dominant or parent entity.

4. Relationship Grouping

In this operation, relationships with a degree of three or more are grouped into an entity cluster. The entity cluster name is the name of the relationship.

In developing the high level schema, any or all of these techniques can be used. The designer must choose the operations which best suit the character of the database.

It is very important to validate the cluster diagram after the grouping is complete. The consistency of the relationships between entities must be checked at each level of the diagram. The meaning of each level must also be verified by the end-users.

By creating multiple levels of abstraction with the entity clustering technique, a simplicity of the diagram is created for end-user comprehension, as well as the complexity required for the database designer.

In this thesis, the abstraction and dominance grouping techniques were used. The resulting entity cluster diagrams are illustrated in Appendix M. In the PERSONNEL function, first the dominance grouping was performed: the weak entities and non-dominant entities related to MEMBER were combined to form the MEMBER entity cluster; the weak entities related to OFFICER were combined with OFFICER; the weak entities related to ENLISTED were combined to form an ENLISTED entity cluster; and the non-dominant entity related to DEPENDENT was combined with DEPENDENT to form an entity cluster. Then the abstraction grouping was performed on the ISA relationship (MEMBER ISA OFFICER or ENLISTED) and dominance grouping was applied to DEPENDENT to form a MEMBER-PERSONNEL entity cluster.

In the TRAINING function, dominance grouping was applied to the non-dominant and weak entities related to DEPARTMENT, (TRAINING) EXECUTIVE ASSISTANT and MEMBER to form the entity clusters DEPARTMENT, EXECUTIVE ASSISTANT and MEMBER-TRAINING, respectively.

In the SHIP SECRETARY function, dominance grouping was applied to the non-dominant entities related to MEMBER, DEPARTMENT and EXECUTIVE ASSISTANT to form the respective entity clusters.

Dominance grouping and abstraction grouping were applied to the WELFARE AND RECREATION function. TICKET was grouped with TICKET BLOCK to form an entity cluster; and the ISA relationship between EQUIPMENT and ISSUABLE and FIXED was combined into the entity cluster WELREC EQUIPMENT. Then, these two entity clusters were grouped into the WELFARE AND RECREATION cluster, which was the more dominant entity.

In the COMMAND CAREER COUNSELOR function, dominance grouping was performed on the weak entities related to ENLISTED to form an ENLISTED-CAREER entity cluster. Then, abstraction grouping was applied to ENLISTED-CAREER with the ISA relationship to MEMBER to form a MEMBER-CAREER cluster.

Dominance grouping and abstraction grouping were applied to the PUBLIC AFFAIRS OFFICER function. COMMAND CO/XO was combined with OFFICER to form the OFFICER entity cluster; PRESS RELEASE and COMMAND HISTORY ITEM were combined with EXECUTIVE ASSISTANT to form the EXECUTIVE ASSISTANT cluster; and HOMETOWN INFO was combined with MEMBER to form the MEMBER cluster. Then, the OFFICER cluster was combined with its ISA relationship entity of MEMBER to form the MEMBER-PAO cluster.

The EDUCATIONAL SERVICES OFFICER function required both dominance and abstraction grouping. The COURSE specialization relationship was combined to form a COURSE entity cluster; the weak

entities related to ENLISTED were combined to form the ENLISTED cluster; and the weak entities related to MEMBER were combined to form the MEMBER cluster. Then, the MEMBER specialization relationship was combined with ENLISTED and the COURSE cluster was combined with MEMBER to form a MEMBER-EDUCATION entity cluster.

In the MASTER AT ARMS function, the weak and non-dominant entities were grouped with MEMBER to form a MEMBER-MAA cluster, using the dominance grouping technique.

In the LEGAL function, the dominance grouping technique was used to combine the weak entities related to MEMBER to form the MEMBER-LEGAL cluster and to combine the non-dominant entities related to the EXECUTIVE ASSISTANT into the EXECUTIVE ASSISTANT cluster.

These functional clusters were applied to the global picture and the MEMBER clusters were combined to form a single MEMBER cluster called MEMBER-ADMIN. The resulting high level diagram contains the DEPARTMENT, MEMBER-ADMIN and EXECUTIVE ASSISTANT as the entity clusters.

This high level abstraction is very simple with few details; it is used to give the user a broad view of the system. The remaining clusters show the important areas of focus in the system. The designer will use the lower level diagrams with the details to develop a database.

In the next chapter, the conclusions and recommendations resulting from this study are discussed.

VI. CONCLUSIONS AND RECOMMENDATIONS

A. CONCLUSIONS

The goal of this thesis was to examine the administrative functions of a generic naval ship and explore the possibility of developing a high level conceptual data model. This study successfully completed this goal with opportunities to further the research in the area of standardized schema for the Navy and DoD.

This thesis follows the data modeling approach, which focuses on capturing the data requirements as the basis of developing computer based applications. This is contrary to other methodologies of system design which concentrate on specifying functional or process requirements. The process requirements of an organization constantly change as the organizational environment changes. The data requirements of an organization, however, tend to be more stable over the life of a given system.

Our approach places emphasis on specifying data rather than process requirements, which is similar to the CIM initiative concepts, thus providing a good foundation for standardization of information. The CIM initiative efforts, however, have been directed toward the standardization of data elements, the lowest element in the data hierarchy, as the foundation for standardizing information systems at DoD. Our efforts extend beyond that of the CIM initiative, by specifying a common conceptual data model for Navy ships. This conceptual data model can be easily transformed into a standardized model specific schema. This approach is particularly appealing within a Navy environment. By their nature,

Navy organizations are generally structured in the same manner. This commonality lends itself to the development of a standardized schema. This standardized schema can then be tailored to fit the structure of a specific organization.

A "master" database can be developed from the standardized schema, from which a specific database for an individual ship can be generated. For example, a newly commissioned ship can download its command database from the previously established master database. This process will significantly reduce the required man-hours in building a command database. Subsequent updates to the command database can be accomplished electronically from the master database. This ensures the integrity, accuracy and security of the data. Additionally, the required amount of paperwork, storage space and database maintenance will be significantly minimized.

Schema standardization also allows the development of applications that are fully compatible between shore and afloat units. The advantage of establishing standardization at the schema level can be realized when data transfers between units ashore and afloat can be accomplished without protocol or format conversions. To illustrate this concept, imagine a ship's personnel office updating the Enlisted Data Verification Record (EDVR) via direct on-line access to the master personnel database in Washington, D.C., which maintains manning information for all Navy units/activities. Queries, updates and verifications could be accomplished in a matter of minutes instead of the several days which are currently required to accommodate mailing paper documents.

The standardized schema will also facilitate interoperability between ships and their administrative and operational chains of command. Ships could electronically transfer operational, material, and personnel information, schedules, and other information to their squadron, group and type commander. This information can be consolidated with the other information and used for monitoring ship readiness status for inspections and administrative and operational tasking. Data exchange can be accomplished via telecommunication circuits which are not physically or geographically limited (e.g., telephone land line, satellite communications, etc.), thus providing real-time information regardless of location.

If applied to other functional areas within and across services, our approach could benefit efforts to accomplish data exchange between organizations. More importantly, however, is the potential for significantly improving data exchanges among different branches within the DoD. Joint interoperability has become a paramount objective of the Joint Chiefs of Staff (JCS), the importance of which has been clearly demonstrated by recent events in the Middle East.

This study has followed the standards established by the CIM initiative with the following exception: The naming conventions set by CIM, which do not allow any abbreviations or acronyms, create unreasonably long data element names. This severely limits the number of available CASE tools for system design. Most tools only allow a data element name with a maximum of 32 characters. In many instances, following the CIM naming conventions required data

element name lengths in excess of 60 characters. Incorporation of a standardized list of common abbreviations and acronyms into the CIM data dictionary for use with data modeling and system design would facilitate greater use of CASE tools in designing new systems in accordance with the CIM initiative. It is not unreasonable to expect standard acronyms and abbreviations to be understood by users. Standardized lists such as the Dictionary of Naval Abbreviations are readily accessible to users for clarification of an unrecognized term. The use of approved acronyms and abbreviations in data element naming would reduce data element names to a length which is acceptable to most CASE tools.

Several CASE tools were evaluated before choosing Chen and Associates ER-DESIGNER for use in this study. This CASE tool was the closest to meeting our requirements for diagramming features, report generation, automated and centralized data dictionary, and ease of use. Additionally, Chen and Associates provide other tools which interact with this tool for further development of this project. It also supports interaction with the upcoming IBM Repository. Use of such a tool will allow greater interoperability with the CASE tools currently being used by the DoD.

One of the problems encountered in using ER-DESIGNER software was the inability to properly show the mandatory or optional relationships between entities. In order to show this feature, we had to use the software feature of showing the upper and lower bounds in a relationship. (Their zero was our optional "O," and their one was our mandatory line.) This procedure restricts the use

of the report generator function of the tool, because the detailed reports on relationships are inaccurate.

B. RECOMMENDATIONS

We recommend that DoD either design or purchase a central repository package which will accept and store data from many other tools in a standardized data dictionary. A good example of this concept is the AD Cycle package offered by IBM. By following this approach, DoD could utilize existing CASE tools and acquire other tools as needed without considering if they are fully integrated over the entire life cycle or if they interact with other tools. Even if a tool has its own central repository and is integrated over the entire life cycle, like Texas Instrument's IEF package, it cannot interact with other tools. Emphasis should be placed on the central repository package, which can alleviate concerns about integration or interoperability between the different CASE tools. This will facilitate the CIM initiative's goals of standardization from a point much earlier in a project's life cycle. It will also allow users to use the tools of their choice without having to throw away tools that have already been purchased and forcing them to use one "standardized" tool. DoD is currently designing a "standardized" CASE tool for everyone to use. If this occurs, millions of dollars may be lost in converting all of the information from systems currently being developed by other CASE tools into this new tool. In addition, the large dollar investment in CASE tools already in use may be lost due to incompatibility. The idea of a single standardized CASE tool to meet every user's needs

would require such a high level of complexity that it would necessitate a substantial investment of dollars and development resources.

C. FUTURE RESEARCH EFFORTS

Future efforts should be made to take the data model developed in this study and complete the database design. This includes developing a model specific schema (i.e., relational, hierarchical or network) and the physical design of a DBMS specific model as discussed in Chapter III. Such efforts should continue to comply with the standards of information established by the CIM initiative.

Additionally, we feel that the concepts discussed in this thesis are applicable to several other functional areas, both administrative and operational, within the Navy and other services of the DoD. As the size of our military forces is reduced and budget constraints become more demanding, increased levels of interoperability among our services will be required. We perceive a need to develop high level conceptual data models for other functions within the Navy, as well as other services, to improve interoperability and minimize redundancy among the different branches of DoD. Development and standardization of conceptual data models will facilitate development of systems for improved data exchange between the services and subsequent improvements in how they will operate in the joint forces of the future.

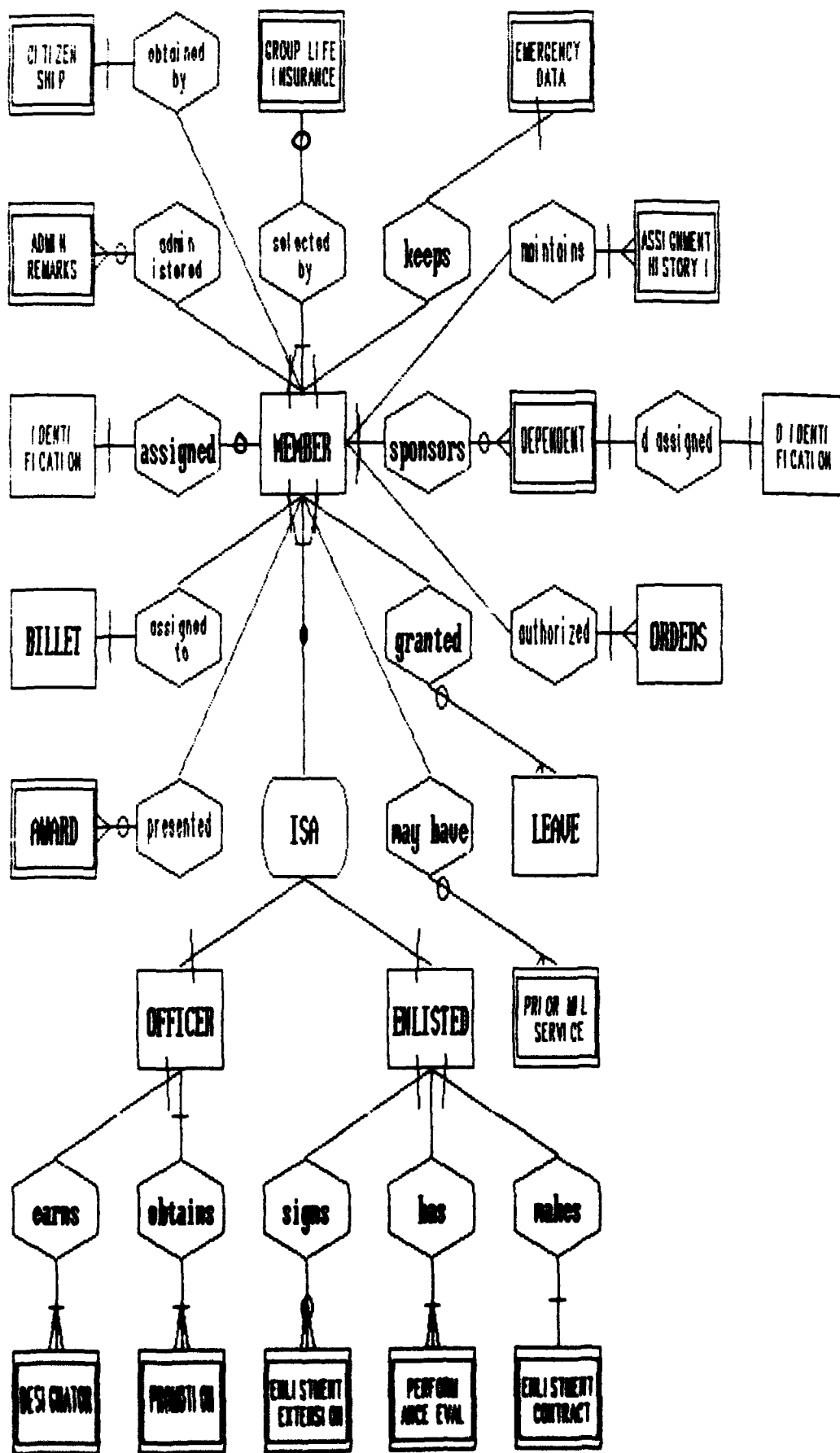
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APPENDIX A

PERSONNEL ENTITY RELATIONSHIP DIAGRAM

This appendix contains the entity relationship diagrams for the PERSONNEL function as discussed in Chapter IV.



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STRUCTURE REPORT FOR PERSONNE - VERSION 2.11

ADMIN REMARKS -

- ADMINISTRATIVE REMARKS
- + ADMINISTRATIVE REMARKS DATE
- + UNIT IDENTIFICATION CODE

ASSIGNMENT HISTORY ITEM -

- UNIT ARRIVAL DATE
- + UNIT DETACHMENT DATE
- + UNIT IDENTIFICATION CODE

AWARD -

- MEMBER AWARD NAME
- + MEMBER AWARD TYPE CODE
- + MEMBER AWARD AUTHORITY
- + MEMBER AWARD DATE

BILLET -

- BILLET NUMBER
- + BILLET AUTHORIZED RATING
- + BILLET NAME

CITIZENSHIP -

- ALIEN BORN ABROAD US PARENTS
- + ALIEN DERIVED NATURALIZED PARENT
- + ALIEN DUAL CITIZENSHIP
- + ALIEN PERMANENT RESIDENCE STATUS
- + ALIEN REGISTRATION NUMBER
- + ALIEN US CITIZEN INTENT
- + CITIZENSHIP COMMENTS
- + CITIZENSHIP STATUS CODE
- + CURRENT CITIZENSHIP
- + NATURALIZATION CERTIFICATE NUM
- + NATURALIZATION COURT
- + NATURALIZATION DATE
- + NATURALIZATION PLACE
- + PHILIPPINE NONIMMIGRANT ALIEN
- + US ALIEN
- + US IMMIGRANT
- + US NATIVE
- + US NATURALIZED

DEPENDENT -

- DEPENDENT FIRST NAME
- + DEPENDENT MIDDLE NAME
- + DEPENDENT BIRTH DATE
- + DEPENDENT COUNTRY NAME
- + DEPENDENT CURRENT CITY
- + DEPENDENT CURRENT COUNTRY
- + DEPENDENT CURRENT STATE

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- + DEPENDENT_CURRENT_STREET
- + DEPENDENT_CUSTODIAN
- + DEPENDENT_ELIGIBILITY_DATE
- + DEPENDENT_EYE_COLOR_CODE
- + DEPENDENT_HAIR_COLOR_CODE
- + DEPENDENT_HEIGHT_INCHES
- + DEPENDENT_INCAPACITY_CODE
- + DEPENDENT_LAST_NAME
- + DEPENDENT_MARRIAGE_DATE
- + DEPENDENT_MEDICARE_STATUS
- + DEPENDENT_RELATIONSHIP
- + DEPENDENT_SEX_CODE
- + DEPENDENT_SOCIAL_SECURITY_NUMBER
- + DEPENDENT_STATUS
- + DEPENDENT_TELEPHONE_NUMBER
- + DEPENDENT_WEIGHT_POUNDS

DESIGNATOR -

- OFFICER DESIGNATOR DATE
- + OFFICER DESIGNATOR
- + OFFICER_PERMANENT_GRADE

D_IDENTIFICATION -

- DEPENDENT_ID_CARD_NUMBER
- + DEPENDENT_ELIGIBILITY_END_REASON
- + DEPENDENT_ID_CARD_EXPIRE_DATE
- + DEPENDENT_ID_CARD_ISSUER_GRADE
- + DEPENDENT_ID_CARD_ISSUER_NAME
- + DEPENDENT_ID_CARD_ISSUER_PHONE
- + DEPENDENT_ID_CARD_ISSUER_TITLE
- + DEPENDENT_ID_CARD_ISSUER_UNIT
- + DEPENDENT_ID_CARD_ISSUE_DATE
- + DEPENDENT_ID_CARD_REMARKS
- + DEPENDENT_ID_CARD_SIGNATURE_DATE
- + DEPENDENT_ID_CARD_VERIFY_PHONE
- + DEPENDENT_ID_CARD_VERIFY_DATE
- + DEPENDENT_ID_CARD_VERIFY_GRADE
- + DEPENDENT_ID_CARD_VERIFY_NAME
- + DEPENDENT_ID_CARD_VERIFY_TITLE
- + DEPENDENT_ID_CARD_VERIFY_UNIT
- + DEPENDENT_PRIVILEGE_CODES

EMERGENCY DATA -

- LIFE INSURANCE POLICY NUMBER
- + MEMBER_SPOUSE_BIRTH_DATE
- + CERTIFICATION_DATE
- + GRATUITY_BENEFICIARY_PERCENT
- + GRATUITY_BENEFICIARY_RELATION
- + GRATUITY_PAY_BENEFICIARY_CITY
- + GRATUITY_PAY_BENEFICIARY_NAME
- + GRATUITY_PAY_BENEFICIARY_STATE
- + GRATUITY_PAY_BENEFICIARY_STREET

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- + LIFE_INSURANCE_COMPANY_CITY
- + LIFE_INSURANCE_COMPANY_NAME
- + LIFE_INSURANCE_COMPANY_STATE
- + LIFE_INSURANCE_COMPANY_STREET
- + MEMBER_BENEFICIARY_CITY_NAME
- + MEMBER_BENEFICIARY_NAME
- + MEMBER_BENEFICIARY_PERCENT
- + MEMBER_BENEFICIARY_RELATION
- + MEMBER_BENEFICIARY_STATE_CODE
- + MEMBER_BENEFICIARY_STREET_NAME
- + MEMBER_FATHER_CITY_NAME
- + MEMBER_FATHER_DEPENDENT_CODE
- + MEMBER_FATHER_NAME
- + MEMBER_FATHER_STATE_CODE
- + MEMBER_FATHER_STREET_NAME
- + MEMBER_MARRIAGE_DATE
- + MEMBER_MARRIAGE_LOCATION
- + MEMBER_MARRIAGE_RESOLUTION
- + MEMBER_MARRIAGE_RESOLUTION_DATE
- + MEMBER_MARRIAGE_RESOLUTION_LOC
- + MEMBER_MOTHER_CITY_NAME
- + MEMBER_MOTHER_DEPENDENT_CODE
- + MEMBER_MOTHER_NAME
- + MEMBER_MOTHER_STATE_CODE
- + MEMBER_MOTHER_STREET_NAME
- + MEMBER_NEXT_OF_KIN_CITY_NAME
- + MEMBER_NEXT_OF_KIN_COUNTRY
- + MEMBER_NEXT_OF_KIN_NAME
- + MEMBER_NEXT_OF_KIN_PHONE
- + MEMBER_NEXT_OF_KIN_RELATION
- + MEMBER_NEXT_OF_KIN_STATE_CODE
- + MEMBER_NEXT_OF_KIN_STREET_NAME
- + MEMBER_PREVIOUS_MARRIAGE
- + MEMBER_RACE
- + MEMBER_RELIGION
- + MEMBER_SIGNATURE_DATE
- + MISSING_STATUS_ALLOTMENT_CITY
- + MISSING_STATUS_ALLOTMENT_NAME
- + MISSING_STATUS_ALLOTMENT_PERCENT
- + MISSING_STATUS_ALLOTMENT_STATE
- + MISSING_STATUS_ALLOTMENT_STREET
- + SPOUSE_MARRIAGE_RESOLUTION
- + SPOUSE_MARRIAGE_RESOLUTION_DATE
- + SPOUSE_MARRIAGE_RESOLUTION_LOC
- + SPOUSE_NEXT_OF_KIN_CITY_NAME
- + SPOUSE_NEXT_OF_KIN_NAME
- + SPOUSE_NEXT_OF_KIN_RELATION
- + SPOUSE_NEXT_OF_KIN_STATE_CODE
- + SPOUSE_NEXT_OF_KIN_STREET_NAME
- + SPOUSE_PREVIOUS_MARRIAGE

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ENLISTED -

- ENLISTED_ACTIVE_DUTY_END_DATE
- + ENLISTED_CURRENT_ENLISTMENT_DATE
- + ENLISTED_EFFECTIVE_RATE_DATE
- + ENLISTED_EXPECTED_REENLIST_DATE
- + ENLISTED_RATE
- + ENLISTED_RATING

ENLISTMENT CONTRACT -

- ENLISTED_ENLISTMENT_START_DATE
- + ENLISTED_ENLISTMENT_DURATION
- + ENLISTED_ENLISTMENT_EXPIRE_DATE
- + ENLISTED_LAST_DISCHARGE_DATE
- + ENLISTED_PRIOR_INACTIVE_SERVICE
- + ENLISTED_REENLISTMENT_CONDITIONS
- + ENLISTED_REENLISTMENT_PAYGRADE
- + ENLISTED_REENLISTMENT_PLACE
- + ENLISTED_REENLISTMENT_RATE
- + ENLISTED_REENLIST_OFFICER_NAME
- + ENLISTED_TOTAL_ACTIVE_SERVICE

ENLISTMENT EXTENSION -

- ENLISTED_EXTENSION_DATE
- + ENLISTED_EXTENSION_EXECUTE_DATE
- + ENLISTED_EXTENSION_LENGTH
- + ENLISTED_EXTENSION_PREPARE_DATE
- + ENLISTED_EXTENSION_REASON
- + ENLISTED_EXTENSION_REMARKS
- + ENLISTED_EXTENSION_SUBMIT_DATE
- + ENLISTED_EXTENSION_TERM
- + ENLISTED_EXTENSION_TYPE_CODE
- + ENLISTED_EXTENSION_UNIT_ID_CODE
- + ENLISTED_EXTENSION_WITNESS_NAME

GROUP LIFE INSURANCE -

- SGLI_BENEFICIARY_NAME
- + SGLI_BENEFICIARY_PAYMENT
- + SGLI_BENEFICIARY_RELATIONSHIP
- + SGLI_BENEFICIARY_SHARE
- + SGLI_ENTITLEMENT_EFFECTIVE_DATE
- + SGLI_MEMBER_SIGNATURE_DATE
- + SGLI_PAYMENT_METHOD_CODE

IDENTIFICATION -

- MEMBER_ID_CARD_NUMBER
- + MEMBER_GENEVA_CATEGORY
- + MEMBER_ID_CARD_EXPIRATION_DATE
- + MEMBER_ID_CARD_ISSUER_GRADE
- + MEMBER_ID_CARD_ISSUER_NAME
- + MEMBER_ID_CARD_ISSUER_PHONE
- + MEMBER_ID_CARD_ISSUER_TITLE
- + MEMBER_ID_CARD_ISSUER_UNIT
- + MEMBER_ID_CARD_ISSUE_DATE

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- + MEMBER_ID_CARD_STATUS_CODE
- + MEMBER_ID_CARD_TYPE
- + MEMBER_ID_CARD_VERIFICATION_DATE
- + MEMBER_ID_CARD_VERIFICATION_NAME
- + MEMBER_ID_CARD_VERIFY_GRADE
- + MEMBER_ID_CARD_VERIFY_PHONE
- + MEMBER_ID_CARD_VERIFY_TITLE
- + MEMBER_ID_CARD_VERIFY_UNIT
- + MEMBER_PRIVILEGE_CODES

LEAVE -

- LEAVE_CONTROL_NUMBER
- + LEAVE_CITY_NAME
- + LEAVE_DEPARTURE_DATE
- + LEAVE_DEPARTURE_HOUR
- + LEAVE_DEPARTURE_OOD_NAME
- + LEAVE_DUTY_PHONE
- + LEAVE_END_DATE
- + LEAVE_END_TIME
- + LEAVE_EXTENSION_AUTHORITY_NAME
- + LEAVE_EXTENSION_DATE
- + LEAVE_EXTENSION_HOUR
- + LEAVE_PHONE_NUMBER
- + LEAVE_REQUEST_DATE
- + LEAVE_RETURN_DATE
- + LEAVE_RETURN_OOD_NAME
- + LEAVE_RETURN_TIME
- + LEAVE_START_DATE
- + LEAVE_START_TIME
- + LEAVE_STATE_CODE
- + LEAVE_STREET_ADDRESS
- + LEAVE_TRAVEL_MODE
- + LEAVE_TYPE_CODE

MEMBER -

- MEMBER_SOCIAL_SECURITY_NUMBER
- + MEMBER_ACTIVE_DUTY_SERVICE_DATE
- + MEMBER_BIRTH_CITY_NAME
- + MEMBER_BIRTH_COUNTRY
- + MEMBER_BIRTH_DATE
- + MEMBER_BIRTH_US_STATE_CODE
- + MEMBER_BLOOD_TYPE
- + MEMBER_CURRENT_CITY_NAME
- + MEMBER_CURRENT_COUNTRY_CODE
- + MEMBER_CURRENT_HOME_PHONE
- + MEMBER_CURRENT_STATE_CODE
- + MEMBER_CURRENT_STREET_NAME
- + MEMBER_EYE_COLOR_CODE
- + MEMBER_HAIR_COLOR_CODE
- + MEMBER_HEIGHT_INCHES
- + MEMBER_HOME_OF_RECORD_CITY
- + MEMBER_HOME_OF_RECORD_COUNTRY

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- + MEMBER_HOME_OF_RECORD_STATE_CODE
- + MEMBER_MAIDEN_NAME
- + MEMBER_MARITAL_STATUS_CODE
- + MEMBER_MARITAL_STATUS_DATE
- + MEMBER_MILITARY_STATUS_CODE
- + MEMBER_NAME
- + MEMBER_PASSPORT_EXPIRE_DATE
- + MEMBER_PASSPORT_NUMBER
- + MEMBER_PASSPORT_TYPE
- + MEMBER_PAYGRADE
- + MEMBER_PERMANENT_CITY_NAME
- + MEMBER_PERMANENT_COUNTRY_CODE
- + MEMBER_PERMANENT_STATE_CODE
- + MEMBER_PERMANENT_STREET_NAME
- + MEMBER_PRIOR_MILITARY_SERVICE
- + MEMBER_RACE_GROUP_CODE
- + MEMBER_SERVICE_BRANCH
- + MEMBER_SEX_CODE
- + MEMBER_UNIT_IDENTIFICATION_CODE
- + MEMBER_WEIGHT_POUNDS

OFFICER -

- OFFICER_ADDITIONAL_QUAL_DESIG
- + OFFICER_COMMISSION_SOURCE_CODE
- + OFFICER_DATE_OF_RANK
- + OFFICER_DESIGNATOR
- + OFFICER_EXPECTED_RETIREMENT_YEAR
- + OFFICER_PRECEDENCE_NUMBER
- + OFFICER_RANK
- + OFFICER_SUBSPECIALTY_CODES
- + OFFICER_YEAR_GROUP
- + OFF_ACTIVE_COMMISSION_BASE_DATE

ORDERS -

- ORDER_NUMBER
- + ORDER_ACCOUNTING_DATA
- + ORDER_AUTHENTICATING_OFFICER
- + ORDER_AUTHORITY
- + ORDER_COMMENTS_AND_INSTRUCTIONS
- + ORDER_COMPLETION_DATE
- + ORDER_DISTRIBUTION_LIST
- + ORDER_ESTIMATED_MISC_EXPENSE
- + ORDER_ESTIMATED_PER_DIEM_COST
- + ORDER_ESTIMATED_TRAVEL_COST
- + ORDER_INDIVIDUALS
- + ORDER_ITENERARY
- + ORDER_PREPARE_DATE
- + ORDER_PROCEED_DATE
- + ORDER_REFERENCE
- + ORDER_SUPPLEMENTARY_ITEM_CODES
- + ORDER_TRANSPORTATION_REQUEST
- + ORDER_TRAVEL_REASON_CODE

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- + ORDER TRAVEL TYPE CODE
- + ORDER TYPE CODE
- + UNIT IDENTIFICATION CODE

PERFORMANCE EVAL -

- ENLISTED EVALUATION PERIOD
- + ENLISTED EVALUATION RATE
- + ENLISTED EVALUATION REASON
- + ENLISTED EVAL DIRECTING GRADE
- + ENLISTED EVAL DUTY STATION
- + ENLISTED EVAL OVERALL GRADE
- + ENLISTED EVAL RELIABILITY GRADE
- + ENL EVAL MILITARY BEARING GRADE
- + ENL EVAL PERSONAL BEHAVIOR GRADE
- + ENL EVAL RATE KNOWLEDGE GRADE

PRIOR MIL SERVICE -

- MILITARY SERVICE FROM DATE
- + MILITARY SERVICE BRANCH
- + MILITARY SERVICE COUNTRY
- + MILITARY SERVICE DISCHARGE TYPE
- + MILITARY SERVICE RANK
- + MILITARY SERVICE SSN
- + MILITARY SERVICE TO DATE

PROMOTION -

- OFFICER PROMOTION DATE
- + OFFICER PROMOTION RANK
- + OFFICER PROMOTION REMARKS
- + OFFICER PROMOTION STATUS
- + OFFICER PROMOTION TYPE

assigned to -

- PROSPECTIVE GAIN DATE
- + PROSPECTIVE ROTATION DATE

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ATTRIBUTE REPORT
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ATTRIBUTE REPORT FOR PERSONNE - VERSION 2.11

Attribute Name	Alias	Format	Key	Object & Type
ADMINISTRATIVE REMARKS SC: Any administrative remarks for member	REMARKS	M	N	RMKS W
ADMINISTRATIVE REMARKS DATE SC: Date administrative remarks was signed	ADMIN RMKS	D	N	RMKS W
ALIEN BORN ABROAD US PARENTS SC: Indicates member is an alien who was born abroad of U.S. parents	ALIEN BORN	L	N	CITIZENS W
ALIEN DERIVED NATURALIZED PARENT SC: Indicates member is an alien who came from naturalized parents	ALIEN NATUR	L	N	CITIZENS W
ALIEN DUAL CITIZENSHIP SC: Indicates member is an alien with dual citizenship	ALIEN DUAL	L	N	CITIZENS W
ALIEN PERMANENT RESIDENCE STATUS SC: Indicates if member is an alien with permanent U.S. residence status	ALIEN PERM	L	N	CITIZENS W
ALIEN REGISTRATION NUMBER SC: Official registration number of Alien (if applicable)	ALIEN REG N	C,30	N	CITIZENS W
ALIEN US CITIZEN INTENT SC: Indicates if member is an alien with the intent to become a US citizen	ALIEN US CI	L	N	CITIZENS W
BILLET AUTHORIZED RATING SC: Authorized rate and rating for this billet	BILLET AUTH	C,5	N	BILLET E
BILLET NAME SC: Name of billet	BILLET NAME	C,30	N	BILLET E
BILLET NUMBER SC: Standard number of billet	BILLET NUMB	C,10	Y	BILLET E
CERTIFICATION DATE SC: Member's certification date of emergency data	CERTIFICATI	D	N	EMERG W
CITIZENSHIP COMMENTS SC: Comments about member's citizenship	CITIZEN COM	M	N	CITIZENS W
CITIZENSHIP STATUS CODE SC: Code indicating status of citizenship	CITIZEN STA	C,15	N	CITIZENS W
CURRENT CITIZENSHIP SC: Name of country where member has his citizenship	CURR CITIZE	C,30	N	CITIZENS W
DEPENDENT BIRTH DATE SC: Birth date of member's dependent	DEPENDENT B	D	N	DEP W

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DEPENDENT_COUNTRY_NAME	DEPENDENT C	C,15	N	DEP	W
SC: Name of country where member's dependent lives					
DEPENDENT_CURRENT_CITY	DEPENDENT C	C,25	N	DEP	W
SC: Name of city where member's dependent currently lives					
DEPENDENT_CURRENT_COUNTRY	DEP CURR CT	C,20	N	DEP	W
SC: Name of country where dependent currently lives					
DEPENDENT_CURRENT_STATE	DEPENDENT S	C,2	N	DEP	W
SC: State code where member's dependent currently lives					
DEPENDENT_CURRENT_STREET	DEPENDENT S	C,45	N	DEP	W
SC: Street address where member's dependent currently lives					
DEPENDENT_CUSTODIAN	DEP CUST	C,30	N	DEP	W
SC: Name of custodian of dependent (if applicable)					
DEPENDENT_ELIGIBILITY_DATE	DEPENDENT E	D	N	DEP	W
SC: Date member's dependent is eligible for benefits					
DEPENDENT_ELIGIBILITY_END_REASON	DEPENDENT E	C,25	N	DEPID	E
SC: Reason for terminating dependent's eligibility for benefits					
DEPENDENT_EYE_COLOR_CODE	DEPENDENT E	C,5	N	DEP	W
SC: Eye color of member's dependent					
DEPENDENT_FIRST_NAME	DEPENDENT F	C,20	Y	DEP	W
SC: First name of member's dependent					
DEPENDENT_HAIR_COLOR_CODE	DEPENDENT H	C,15	N	DEP	W
SC: Hair color of member's dependent					
DEPENDENT_HEIGHT_INCHES	DEPENDENT H	N,4	N	DEP	W
SC: Height of member's dependent in inches					
DEPENDENT_ID_CARD_EXPIRE_DATE	DEPENDENT I	D	N	DEPID	E
SC: Date of expiration of dependent's identification card					
DEPENDENT_ID_CARD_ISSUER_GRADE	DEP ID CARD	C,5	N	DEPID	E
SC: Grade of member issuing the dependent's identification card					
DEPENDENT_ID_CARD_ISSUER_NAME	DEPENDENT I	C,45	N	DEPID	E
SC: Name of member who issued the dependent's identification card					
DEPENDENT_ID_CARD_ISSUER_PHONE	DEP ID CARD	N,12	N	DEPID	E
SC: Phone number of member who issued dependent's identification card					
DEPENDENT_ID_CARD_ISSUER_TITLE	DEP ID CARD	C,15	N	DEPID	E
SC: Title of member who issued dependent's identification card					

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DEPENDENT_ID_CARD_ISSUER_UNIT	DEP ID CARD	C,5	N	DEPID	E
SC: Unit to which member belongs who issued dependent's ID card					
DEPENDENT_ID_CARD_ISSUE_DATE	DEPENDENT I	D	N	DEPID	E
SC: Issue date of dependent's identification card					
DEPENDENT_ID_CARD_NUMBER	DEPENDENT I	C,12	Y	DEPID	E
SC: Identification card number of dependent					
DEPENDENT_ID_CARD_REMARKS	DEP ID CARD	M	N	DEPID	E
SC: Special remarks about dependent's identification card					
DEPENDENT_ID_CARD_SIGNATURE_DATE	DEP ID CARD	D	N	DEPID	E
SC: Date dependent signed identification card					
DEPENDENT_ID_CARD_VERIFY_PHONE	DEP ID CARD	N,12	N	DEPID	E
SC: Phone number of member who verified dependent's identification card					
DEPENDENT_ID_CARD_VERIFY_DATE	DEP ID CARD	D	N	DEPID	E
SC: Date dependent's Identification card was verified					
DEPENDENT_ID_CARD_VERIFY_GRADE	DEPENDENT I	C,5	N	DEPID	E
SC: Grade of member who verified dependent's identification card					
DEPENDENT_ID_CARD_VERIFY_NAME	DEPENDENT I	C,45	N	DEPID	E
SC: Name of member who verified dependent's identification card					
DEPENDENT_ID_CARD_VERIFY_TITLE	DEP ID CARD	C,15	N	DEPID	E
SC: Title of member who verified dependent's identification card					
DEPENDENT_ID_CARD_VERIFY_UNIT	DEPENDENT I	C,5	N	DEPID	E
SC: Unit to which member belongs who verified dependent's id card					
DEPENDENT_INCAPACITY_CODE	DEPENDENT I	C,5	N	DEP	W
SC: Incapacity code of member's dependent					
DEPENDENT_LAST_NAME	DEPENDENT L	C,20	N	DEP	W
SC: Last name of member's dependent					
DEPENDENT_MARRIAGE_DATE	MARRIAGE DA	D	N	DEP	W
SC: Marriage date of member to dependent (if applicable)					
DEPENDENT_MEDICARE_STATUS	DEPENDENT M	C,5	N	DEP	W
SC: Medicare status of member's dependent					
DEPENDENT_MIDDLE_NAME	DEPENDENT M	C,20	Y	DEP	W
SC: Middle name of member's dependent					
DEPENDENT_PRIVILEGE_CODES	DEPENDENT P	C,10	N	DEPID	E
SC: Privileges that dependent is authorized					
DEPENDENT_RELATIONSHIP	DEPENDENT R	C,15	N	DEP	W
SC: Relationship of dependent to member					

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DEPENDENT SEX CODE SC: Sex of member's dependent	DEPENDENT S	C,1	N	DEP	W
DEPENDENT SOCIAL SECURITY NUMBER SC: Social security number of member's dependent	DEPENDENT S	C,11	N	DEP	W
DEPENDENT STATUS SC: Status of dependent	DEP STATUS	C,15	N	DEP	W
DEPENDENT TELEPHONE NUMBER SC: Telephone number of member's dependent	DEPENDENT P	C,12	N	DEP	W
DEPENDENT WEIGHT POUNDS SC: Weight in pounds of member's dependent	DEPENDENT W	N,4	N	DEP	W
ENLISTED_ACTIVE_DUTY_END_DATE SC: Date enlisted member's active duty requirement ends	ENLISTED AC	D	N	ENLISTED	E
ENLISTED_CURRENT_ENLISTMENT_DATE SC: Date of member's current enlistment	ENLISTED CU	D	N	ENLISTED	E
ENLISTED_EFFECTIVE_RATE_DATE SC: Date enlisted member's rate is effective	ENLISTED EF	D	N	ENLISTED	E
ENLISTED_ENLISTMENT_DURATION SC: Duration of enlisted's enlistment	ENLISTED EN	C,10	N	ENL_CONT	W
ENLISTED_ENLISTMENT_EXPIRE_DATE SC: Date enlisted's enlistment expires	ENLISTED EN	D	N	ENL_CONT	W
ENLISTED_ENLISTMENT_START_DATE SC: Start date of enlisted's enlistment	ENLISTED EN	D	Y	ENL_CONT	W
ENLISTED_EVALUATION_PERIOD SC: Period covered on member's evaluation	ENLISTED EV	C,15	Y	EVAL	W
ENLISTED_EVALUATION_RATE SC: Rate of member during present performance evaluation	ENLISTED EV	C,5	N	EVAL	W
ENLISTED_EVALUATION_REASON SC: Reason for submitting enlisted evaluation	ENLISTED EV	C,20	N	EVAL	W
ENLISTED_EVAL_DIRECTING_GRADE SC: Performance grade of enlisted member for directing others	ENLISTED EV	C,4	N	EVAL	W
ENLISTED_EVAL_DUTY_STATION SC: Duty station where member was stationed during evaluation	ENLISTED EV	C,5	N	EVAL	W
ENLISTED_EVAL_OVERALL_GRADE SC: Member's overall performance grade on evaluation	ENL EVAL OV	C,4	N	EVAL	W

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ENLISTED_EVAL_RELIABILITY_GRADE	ENL_RELIABI	C,4	N	EVAL	W
SC: Member's grade for reliability on evaluation					
ENLISTED_EXPECTED_REENLIST_DATE	ENLISTED_EX	D	N	ENLISTED	E
SC: Date member is expected to reenlist					
ENLISTED_EXTENSION_DATE	ENL_EXTENSI	D	Y	ENL_EXT	W
SC: Date of member's enlistment extension					
ENLISTED_EXTENSION_EXECUTE_DATE	ENL_EXTENSI	D	N	ENL_EXT	W
SC: Date member's enlistment extension will be executed					
ENLISTED_EXTENSION_LENGTH	ENL_EXTENSI	C,15	N	ENL_EXT	W
SC: Length of member's enlistment extension					
ENLISTED_EXTENSION_PREPARE_DATE	ENLISTED_EX	D	N	ENL_EXT	W
SC: Date member's enlistment extension was prepared					
ENLISTED_EXTENSION_REASON	ENL_EXTENSI	C,30	N	ENL_EXT	W
SC: Reason enlisted member is extending his/her enlistment					
ENLISTED_EXTENSION_REMARKS	ENL_EXTENSI	M	N	ENL_EXT	W
SC: Remarks about member's enlistment extension					
ENLISTED_EXTENSION_SUBMIT_DATE	ENLISTED_EX	D	N	ENL_EXT	W
SC: Date member's enlistment extension was submitted					
ENLISTED_EXTENSION_TERM	ENL_EXTENSI	C,12	N	ENL_EXT	W
SC: Terms of extension (voluntary or involuntary)					
ENLISTED_EXTENSION_TYPE_CODE	ENLISTED_EX	C,3	N	ENL_EXT	W
SC: Type of extension member is receiving					
ENLISTED_EXTENSION_UNIT_ID_CODE	ENL_EXTENSI	C,5	N	ENL_EXT	W
SC: Unit identification code of command where member is stationed					
ENLISTED_EXTENSION_WITNESS_NAME	ENL_EXTENSI	C,25	N	ENL_EXT	W
SC: Name of witness signing enlistment extension					
ENLISTED_LAST_DISCHARGE_DATE	ENLISTED_LA	D	N	ENL_CONT	W
SC: Date of enlisted's last discharge					
ENLISTED_PRIOR_INACTIVE_SERVICE	ENLISTED_PR	C,8	N	ENL_CONT	W
SC: Enlisted's prior inactive service					
ENLISTED_RATE	ENLISTED_RA	C,5	N	ENLISTED	E
SC: Rate of enlisted member					
ENLISTED_RATING	ENLISTED_RA	C,25	N	ENLISTED	E
SC: Rating of enlisted member					

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ENLISTED REENLISTMENT CONDITIONS	ENLISTED RE	M	N	ENL_CONT	W
SC: Lists conditions of enlisted's reenlistment					
ENLISTED REENLISTMENT PAYGRADE	ENLISTED RE	C,5	N	ENL_CONT	W
SC: Paygrade of enlisted at reenlistment					
ENLISTED REENLISTMENT PLACE	ENLISTED RE	C,25	N	ENL_CONT	W
SC: Place of enlisted's reenlistment					
ENLISTED REENLISTMENT RATE	ENLISTED RE	C,5	N	ENL_CONT	W
SC: Rate of enlisted at reenlistment					
ENLISTED REENLIST OFFICER NAME	ENLISTED RE	C,25	N	ENL_CONT	W
SC: Name of officer reenlisting enlisted member					
ENLISTED TOTAL ACTIVE SERVICE	ENLISTED TO	C,8	N	ENL_CONT	W
SC: Total active service time of enlisted member					
ENL EVAL MILITARY BEARING GRADE	ENL EVAL MI	C,4	N	EVAL	W
SC: Performance grade for member for military bearing					
ENL EVAL PERSONAL BEHAVIOR GRADE	ENL EVAL PE	C,4	N	EVAL	W
SC: Member's performance grade for personal behavior on evaluation					
ENL EVAL RATE KNOWLEDGE GRADE	ENL RATE KN	C,4	N	EVAL	W
SC: Member's performance grade for rate knowledge on evaluation					
GRATUITY BENEFICIARY PERCENT	GRATUITY BE	N,3	N	EMERG	W
SC: Percent of gratuity that the member's beneficiary receives					
GRATUITY BENEFICIARY RELATION	GRATUITY BE	C,15	N	EMERG	W
SC: Relation between member and gratuity beneficiary					
GRATUITY PAY BENEFICIARY CITY	GRATUITY PA	C,25	N	EMERG	W
SC: City where member's gratuity pay beneficiary lives					
GRATUITY PAY BENEFICIARY NAME	GRATUITY PA	C,45	N	EMERG	W
SC: Name of member's gratuity pay beneficiary					
GRATUITY PAY BENEFICIARY STATE	GRATUITY PA	C,2	N	EMERG	W
SC: State code where member's gratuity pay beneficiary lives					
GRATUITY PAY BENEFICIARY STREET	GRATUITY PA	C,45	N	EMERG	W
SC: Street address where member's gratuity pay beneficiary lives					
LEAVE CITY NAME	LEAVE CITY	C,25	N	LEAVE	E
SC: Name of city where member will be on leave					
LEAVE CONTROL NUMBER	LCN	C,10	Y	LEAVE	E
SC: Control number assigned to leave papers					
LEAVE DEPARTURE DATE	LEAVE DEPAR	D	N	LEAVE	E
SC: Date member actually departed on leave					

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LEAVE DEPARTURE HOUR	LEAVE DEPAR	N,4	N	LEAVE	E
SC: Hour member departed on leave					
LEAVE DEPARTURE OOD NAME	LEAVE DEPAR	C,25	N	LEAVE	E
SC: Name of Officer of the Deck checking member out on leave					
LEAVE DUTY PHONE	LEAVE DUTY	C,12	N	LEAVE	E
SC: Duty phone of member at time of leave					
LEAVE END DATE	LEAVE END D	D	N	LEAVE	E
SC: Date member's leave expires					
LEAVE END TIME	LEAVE END T	N,4	N	LEAVE	E
SC: Time member's leave expires					
LEAVE EXTENSION AUTHORITY NAME	LEAVE EXTEN	C,25	N	LEAVE	E
SC: Name of person granting member an extension on his leave					
LEAVE EXTENSION DATE	LEAVE EXTEN	D	N	LEAVE	E
SC: Date to which member's leave is extended					
LEAVE EXTENSION HOUR	LEAVE EXTEN	N,4	N	LEAVE	E
SC: Hour to which member's extension is granted					
LEAVE PHONE NUMBER	LEAVE PHONE	C,12	N	LEAVE	E
SC: Phone number where member can be reached on leave					
LEAVE REQUEST DATE	LEAVE REQUE	D	N	LEAVE	E
SC: Date of member's leave request					
LEAVE RETURN DATE	LEAVE RETUR	D	N	LEAVE	E
SC: Date member returned from leave					
LEAVE RETURN OOD NAME	LEAVE RETUR	C,25	N	LEAVE	E
SC: Name of Officer of the Deck who checked member in off of leave					
LEAVE RETURN TIME	LEAVE RETUR	N,4	N	LEAVE	E
SC: Time of member's return from leave					
LEAVE START DATE	LEAVE START	D	N	LEAVE	E
SC: Date member's leave will start					
LEAVE START TIME	LEAVE START	N,4	N	LEAVE	E
SC: Time member's leave will start					
LEAVE STATE CODE	LEAVE STATE	C,2	N	LEAVE	E
SC: State code where member will be on leave					
LEAVE STREET ADDRESS	LEAVE STREE	C,45	N	LEAVE	E
SC: Street address where member will be on leave					

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LEAVE TRAVEL MODE	LEAVE TRAVE	C,5	N	LEAVE	E
SC: Mode of travel member will take on leave					
LEAVE TYPE CODE	LEAVE TYPE	C,10	N	LEAVE	E
SC: Type of leave taken (regular, sick, emergency, etc)					
LIFE INSURANCE COMPANY CITY	LIFE INSURA	C,25	N	EMERG	W
SC: City name of member's life insurance					
LIFE INSURANCE COMPANY NAME	LIFE INSURA	C,45	N	EMERG	W
SC: Name of member's life insurance company					
LIFE INSURANCE COMPANY STATE	LIFE INSURA	C,2	N	EMERG	W
SC: State code of member's life insurance company					
LIFE INSURANCE COMPANY STREET	LIFE INSURA	C,45	N	EMERG	W
SC: Street address of member's life insurance company					
LIFE INSURANCE POLICY NUMBER	INSURANCE P	C,15	Y	EMERG	W
SC: Policy number of member's life insurance					
MEMBER ACTIVE DUTY SERVICE DATE	MEMBER ADSD	D	N	MEMBER	E
SC: Date member began active duty					
MEMBER AWARD AUTHORITY	MEMBER AWAR	C,25	N	AWARD	W
SC: Name of person authorized to give award to member					
MEMBER AWARD DATE	MEMBER AWAR	D	N	AWARD	W
SC: Date of award given to member					
MEMBER AWARD NAME	MEMBER AWAR	C,25	Y	AWARD	W
SC: Name of award given to member					
MEMBER AWARD TYPE CODE	MEMBER AWAR	C,5	Y	AWARD	W
SC: Type of award given to member					
MEMBER BENEFICIARY CITY NAME	BENEFICIARY	C,25	N	EMERG	W
SC: Name of city where member's beneficiary lives					
MEMBER BENEFICIARY NAME	BENEFICIARY	C,45	N	EMERG	W
SC: Beneficiary's name for member's life insurance and death benefits					
MEMBER BENEFICIARY PERCENT	BENEFICIARY	N,3	N	EMERG	W
SC: Percent of member's benefits to go to this beneficiary					
MEMBER BENEFICIARY RELATION	BENEFICIARY	C,15	N	EMERG	W
SC: Relationship to member of this beneficiary					
MEMBER BENEFICIARY STATE CODE	BENEFICIARY	C,2	N	EMERG	W
SC: State code where member's beneficiary lives					

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MEMBER_BENEFICIARY_STREET_NAME	BENEFICIARY	C,45	N	EMERG	W
SC: Street address where member's beneficiary lives					
MEMBER_BIRTH_CITY_NAME	MEMBER BIRT	C,25	N	MEMBER	E
SC: Name of city where member was born					
MEMBER_BIRTH_COUNTRY	MEMBER BIRT	C,15	N	MEMBER	E
SC: Name of country where member was born					
MEMBER_BIRTH_DATE	MEMBER BIRT	D	N	MEMBER	E
SC: Date of birth of member					
MEMBER_BIRTH_US_STATE_CODE	MEMBER BIRT	C,2	N	MEMBER	E
SC: U.S. State code where member was born					
MEMBER_BLOOD_TYPE	MEMBER BLOO	C,3	N	MEMBER	E
SC: Blood type of member					
MEMBER_CURRENT_CITY_NAME	MEMBER CURR	C,25	N	MEMBER	E
SC: City where member currently resides					
MEMBER_CURRENT_COUNTRY_CODE	MEMBER CURR	C,15	N	MEMBER	E
SC: Current country where member resides					
MEMBER_CURRENT_HOME_PHONE	MEMBER CURR	C,12	N	MEMBER	E
SC: Current home phone number of member					
MEMBER_CURRENT_STATE_CODE	MEMBER CURR	C,2	N	MEMBER	E
SC: State code where member currently resides					
MEMBER_CURRENT_STREET_NAME	MEMBER CURR	C,45	N	MEMBER	E
SC: Name of street where member currently resides					
MEMBER_EYE_COLOR_CODE	MEMBER EYE	C,5	N	MEMBER	E
SC: Eye color of member					
MEMBER_FATHER_CITY_NAME	FATHER CITY	C,25	N	EMERG	W
SC: Name of city where member's father lives					
MEMBER_FATHER_DEPENDENT_CODE	FATHER DEPE	C,10	N	EMERG	W
SC: Code indicating if member's father is a dependent or not					
MEMBER_FATHER_NAME	FATHER NAME	C,45	N	EMERG	W
SC: Name of member's father					
MEMBER_FATHER_STATE_CODE	FATHER STAT	C,2	N	EMERG	W
SC: State code where member's father lives					
MEMBER_FATHER_STREET_NAME	FATHER STRE	C,45	N	EMERG	W
SC: Name and number of street where member's father lives					
MEMBER_GENEVA_CATEGORY	MEMBER GENE	C,4	N	ID	E
SC: Geneva category that member belongs in					

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MEMBER HAIR COLOR CODE	MEMBER HAIR	C,15	N	MEMBER	E
SC: Hair color of member					
MEMBER HEIGHT INCHES	MEMBER HEIG	N,4	N	MEMBER	E
SC: Member's height in inches					
MEMBER HOME OF RECORD CITY	MEMBER HOME	C,25	N	MEMBER	E
SC: City name of member's home of record					
MEMBER HOME OF RECORD COUNTRY	MEMBER HOME	C,15	N	MEMBER	E
SC: Country name of member's home of record					
MEMBER HOME OF RECORD STATE CODE	MEMBER HOME	C,2	N	MEMBER	E
SC: Home of record state for member					
MEMBER ID CARD EXPIRATION DATE	MEMBER ID C	D	N	ID	E
SC: Expiration date of member's identification card					
MEMBER ID CARD ISSUER GRADE	MEMBER ID C	C,5	N	ID	E
SC: Grade of member issuing member's identification card					
MEMBER ID CARD ISSUER NAME	MEMBER ID C	C,45	N	ID	E
SC: Name of member issuing member's identification card					
MEMBER ID CARD ISSUER PHONE	MEMBER ID C	C,12	N	ID	E
SC: Phone number of member issuing member's identification card					
MEMBER ID CARD ISSUER TITLE	MEMBER ID C	C,15	N	ID	E
SC: Title of member issuing member's identification card					
MEMBER ID CARD ISSUER UNIT	MEMBER ID C	C,5	N	ID	E
SC: Unit to which member issuing identification card belongs					
MEMBER ID CARD ISSUE DATE	MEMBER ID C	D	N	ID	E
SC: Issue date of member's identification card					
MEMBER ID CARD NUMBER	MEMBER ID C	C,10	Y	ID	E
SC: Serial number of member's identification card					
MEMBER ID CARD STATUS CODE	MEMBER ID C	C,4	N	ID	E
SC: Status code of member on identification card (res, act, etc)					
MEMBER ID CARD TYPE	MEMBER ID C	C,10	N	ID	E
SC: Type of identification card member is given					
MEMBER ID CARD VERIFICATION DATE	MEMBER ID C	D	N	ID	E
SC: Date member's identification card was verified					
MEMBER ID CARD VERIFICATION NAME	MEMBER ID C	C,45	N	ID	E
SC: Name of member who verified member's identification card					

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MEMBER ID CARD VERIFY GRADE	MEMBER ID C	C,5	N	ID	E
SC: Grade of member verifying member's identification card					
MEMBER ID CARD VERIFY PHONE	MEMBER ID C	C,12	N	ID	E
SC: Phone number of member verifying member's identification card					
MEMBER ID CARD VERIFY TITLE	MEMBER ID C	C,15	N	ID	E
SC: Title of member verifying member's identification card					
MEMBER ID CARD VERIFY UNIT	MEMBER ID C	C,5	N	ID	E
SC: Unit to which member verifying member's identification card belongs					
MEMBER MAIDEN NAME	MEMBER MAID	C,25	N	MEMBER	E
SC: Maiden name of member (if any)					
MEMBER MARITAL STATUS CODE	MEMBER MARI	C,10	N	MEMBER	E
SC: Marital status of member					
MEMBER MARITAL STATUS DATE	MEMBER MARI	D	N	MEMBER	E
SC: Marital status date of member					
MEMBER MARRIAGE DATE	MARRIAGE DA	D	N	EMERG	W
SC: Date of member's last marriage					
MEMBER MARRIAGE LOCATION	MARRIAGE LO	C,30	N	EMERG	W
SC: Location of member's last marriage					
MEMBER MARRIAGE RESOLUTION	MARRIAGE RE	C,10	N	EMERG	W
SC: Resolution of member's marriage (i.e. divorced, annulled)					
MEMBER MARRIAGE RESOLUTION DATE	MARRIAGE RE	D	N	EMERG	W
SC: Date of member's previous marriage resolution					
MEMBER MARRIAGE RESOLUTION LOC	MARRIAGE RE	C,25	N	EMERG	W
SC: Location of member's previous marriage resolution					
MEMBER MILITARY STATUS CODE	MEMBER MILI	C,10	N	MEMBER	E
SC: Military status code of member					
MEMBER MOTHER CITY NAME	MOTHER CITY	C,25	N	EMERG	W
SC: City name where member's mother lives					
MEMBER MOTHER DEPENDENT CODE	MOTHER DEPE	C,10	N	EMERG	W
SC: Indicates if member's mother is a dependent or not					
MEMBER MOTHER NAME	MOTHER NAME	C,45	N	EMERG	W
SC: Name of member's mother					
MEMBER MOTHER STATE CODE	MOTHER STAT	C,2	N	EMERG	W
SC: State code where member's mother lives					

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MEMBER MOTHER STREET NAME	MOTHER STRE	C,45	N	EMERG	W
SC: Street address where member's mother lives					
MEMBER NAME	MEMBER NAME	C,45	N	MEMBER	E
SC: Full name of member					
MEMBER NEXT OF KIN CITY NAME	MEMBER NOK	C,25	N	EMERG	W
SC: Name of city where member's next of kin lives					
MEMBER NEXT OF KIN COUNTRY	MEMBER NOK	C,25	N	EMERG	W
SC: Name of country where member's next of kin resides					
MEMBER NEXT OF KIN NAME	MEMBER NOK	C,45	N	EMERG	W
SC: Name of member's next of kin					
MEMBER NEXT OF KIN PHONE	MEMBER NOK	C,12	N	EMERG	W
SC: Phone number of member's next of kin					
MEMBER NEXT OF KIN RELATION	MEMBER NOK	C,20	N	EMERG	W
SC: Relationship between member and next of kin					
MEMBER NEXT OF KIN STATE CODE	MEMBER NOK	C,2	N	EMERG	W
SC: State code where member's next of kin lives					
MEMBER NEXT OF KIN STREET NAME	MEMBER NOK	C,45	N	EMERG	W
SC: Street address of member's next of kin					
MEMBER PASSPORT EXPIRE DATE	MEMBER PASS	D	N	MEMBER	E
SC: Expiration date on member's passport					
MEMBER PASSPORT NUMBER	MEMBER PASS	C,10	N	MEMBER	E
SC: Passport number for member					
MEMBER PASSPORT TYPE	MEMBER PASS	C,10	N	MEMBER	E
SC: Member's passport type					
MEMBER PAYGRADE	MEMBER PAYG	C,4	N	MEMBER	E
SC: Paygrade of member					
MEMBER PERMANENT CITY NAME	MEMBER PERM	C,25	N	MEMBER	E
SC: Name of city of member's permanent residence					
MEMBER PERMANENT COUNTRY CODE	MEMBER PERM	C,4	N	MEMBER	E
SC: Country code of member's permanent address					
MEMBER PERMANENT STATE CODE	MEMBER PERM	C,2	N	MEMBER	E
SC: State code of member's permanent residence					
MEMBER PERMANENT STREET NAME	MEMBER PERM	C,45	N	MEMBER	E
SC: Name of street of member's permanent residence					
MEMBER PREVIOUS MARRIAGE	PREVIOUS MA	C,1	N	EMERG	W
SC: Indicates member's previous marriage status (e.g. D=divorced, N=N/A)					

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MEMBER PRIOR MILITARY SERVICE	MEMBER PRIO	C,10	N	MEMBER	E
SC: Service name of member's prior military service (if any)					
MEMBER PRIVILEGE CODES	MEMBER PRIV	C,10	N	ID	E
SC: Priviledges member is authorized to have					
MEMBER RACE	MEMBER RACE	C,15	N	EMERG	W
SC: Ethnic group or race member belongs to					
MEMBER RACE GROUP CODE	MEMBER RACE	C,3	N	MEMBER	E
SC: Race code to which member belongs					
MEMBER RELIGION	MEMBER RELI	C,30	N	EMERG	W
SC: Type of religion member believes in					
MEMBER SERVICE BRANCH	MEMBER SERV	C,4	N	MEMBER	E
SC: Branch of service to which member belongs					
MEMBER SEX CODE	MEMBER SEX	C,1	N	MEMBER	E
SC: Sex code of member (M or F)					
MEMBER SIGNATURE DATE	MEMBER SIGN	D	N	EMERG	W
SC: Date member signed the emergency data form					
MEMBER SOCIAL SECURITY NUMBER	SSN	C,11	Y	MEMBER	E
SC: Social security number of member					
MEMBER SPOUSE BIRTH DATE	MEMBER SPOU	D	Y	EMERG	W
SC: Birth date of member's spouse					
MEMBER UNIT IDENTIFICATION CODE	MEMBER UIC	C,5	N	MEMBER	E
SC: 5 character code of member's command or unit					
MEMBER WEIGHT POUNDS	MEMBER WEIG	N,4	N	MEMBER	E
SC: Member's weight in pounds					
MILITARY SERVICE BRANCH	MIL SERV BR	C,20	N	PRIOR MI	W
SC: Branch of service member was previously in					
MILITARY SERVICE COUNTRY	MIL SERV CO	C,20	N	PRIOR MI	W
SC: Country for whom member served in previous service					
MILITARY SERVICE DISCHARGE TYPE	MIL SERV DI	C,15	N	PRIOR MI	W
SC: Type of discharge member received from previous service					
MILITARY SERVICE FROM DATE	MIL SERV FR	D	Y	PRIOR MI	W
SC: Date member's previous military service started					
MILITARY SERVICE RANK	MIL SERV RA	C,15	N	PRIOR MI	W
SC: Rank of member in previous service					

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MILITARY SERVICE SSN	MIL SERV SS	C,11	N	PRIOR MI	W
SC: Social security number of member in previous service (if different)					
MILITARY SERVICE TO DATE	MIL SERV TO	D	N	PRIOR MI	W
SC: Date member's prior military service ended					
MISSING STATUS ALLOTMENT CITY	MISSING STA	C,25	N	EMERG	W
SC: City where member's allotment should go if member is missing					
MISSING STATUS ALLOTMENT NAME	MISSING STA	C,45	N	EMERG	W
SC: Name of person to receive member's allotment if member is missing					
MISSING STATUS ALLOTMENT PERCENT MISSING	STA	N,3	N	EMERG	W
SC: Percent of member's pay should go to an allotment if member is missing					
MISSING STATUS ALLOTMENT STATE	MISSING STA	C,2	N	EMERG	W
SC: State where member's allotment should go if member is missing					
MISSING STATUS ALLOTMENT STREET	MISSING STA	C,45	N	EMERG	W
SC: Street address where allotment should go if member is missing					
NATURALIZATION CERTIFICATE NUM	NATURALIZE	C,30	N	CITIZENS	W
SC: Certificate number on naturalization certificate (if applicable)					
NATURALIZATION COURT	NATURALIZE	C,30	N	CITIZENS	W
SC: Name of court where member was naturalized					
NATURALIZATION DATE	NATURALIZE	D	N	CITIZENS	W
SC: Date of member's naturalization (if applicable)					
NATURALIZATION PLACE	NATURALIZE	C,30	N	CITIZENS	W
SC: Place where member was naturalized					
OFFICER ADDITIONAL QUAL DESIG	OFFICER ADD	C,50	N	OFFICER	E
SC: Designation of additional qualifications of officer					
OFFICER COMMISSION SOURCE CODE	OFFICER COM	C,5	N	OFFICER	E
SC: Code of source from where officer gained his commission					
OFFICER DATE OF RANK	OFFICER DAT	D	N	OFFICER	E
SC: Date of rank of officer					
OFFICER DESIGNATOR	OFFICER DES	C,5	N	OFFICER	E
SC: Primary designator of officer					
OFFICER DESIGNATOR	OFFICER DES	C,5	N	DESIG	W
SC: Designation of officer					
OFFICER DESIGNATOR DATE	OFFICER DES	D	Y	DESIG	W
SC: Date of officer's designation					

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OFFICER_EXPECTED_RETIREMENT_YEAR	OFFICER EXP	N,4	N	OFFICER	E
SC: Expected retirement of officer					
OFFICER_PERMANENT_GRADE	OFFICER PER	C,5	N	DESIG	W
SC: Permanent grade of officer presently					
OFFICER_PRECEDENCE_NUMBER	OFFICER PRE	C,15	N	OFFICER	E
SC: Precedence (or lineal) number of officer					
OFFICER_PROMOTION_DATE	OFFICER PRO	D	Y	PROMOTIO	W
SC: Date officer was promoted					
OFFICER_PROMOTION_RANK	OFFICER PRO	C,15	N	PROMOTIO	W
SC: Rank to which officer was promoted					
OFFICER_PROMOTION_REMARKS	OFFICER PRO	M	N	PROMOTIO	W
SC: Remarks about officer's promotion					
OFFICER_PROMOTION_STATUS	OFFICER PRO	C,15	N	PROMOTIO	W
SC: Status of officer's promotion (permanent, frocked)					
OFFICER_PROMOTION_TYPE	OFFICER PRO	C,15	N	PROMOTIO	W
SC: Type of promotion (early, normal)					
OFFICER_RANK	OFFICER RAN	C,15	N	OFFICER	E
SC: Rank of officer					
OFFICER_SUBSPECIALTY_CODES	OFFICER SUB	C,20	N	OFFICER	E
SC: Subspecialty codes earned by officer					
OFFICER_YEAR_GROUP	OFFICER YEA	C,2	N	OFFICER	E
SC: Year group to which officer belongs					
OFF_ACTIVE_COMMISSION_BASE_DATE	OFFICER ACT	D	N	OFFICER	E
SC: Date officer's active duty commission starts					
ORDER_ACCOUNTING_DATA	ORDER ACCT	C,55	N	ORDERS	E
SC: Accounting information for orders					
ORDER_AUTHENTICATING_OFFICER	ORDER AUTH	C,45	N	ORDERS	E
SC: Name of officer authenticating the orders					
ORDER_AUTHORITY	ORDER AUTHO	C,50	N	ORDERS	E
SC: Name of member granting authority to supply orders to the member					
ORDER_COMMENTS_AND_INSTRUCTIONS	ORDER COME	M	N	ORDERS	E
SC: Special comments or instructions about the orders					
ORDER_COMPLETION_DATE	ORDER COMPL	D	N	ORDERS	E
SC: Date member's orders are to be completed					
ORDER_DISTRIBUTION_LIST	ORDER DIST	C,45	N	ORDERS	E
SC: List of commands or people receiving a copy of the orders					

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ORDER ESTIMATED MISC EXPENSE	ORDER MISC	N,6	N	ORDERS	E
SC: Estimated miscellaneous expense to be incurred in completing orders					
ORDER_ESTIMATED_PER_DIEM_COST	ORDER PER D	N,5	N	ORDERS	E
SC: Estimated amount of per diem required for fulfillment of orders					
ORDER_ESTIMATED_TRAVEL_COST	ORDER TRAVE	N,5	N	ORDERS	E
SC: Estimated amount of travel money required to complete orders					
ORDER INDIVIDUALS	ORDER INDIV	C,100	N	ORDERS	E
SC: List of members given this set of orders					
ORDER ITENERARY	ORDER ITENE	M	N	ORDERS	E
SC: Itinerary of orders					
ORDER NUMBER	ORDER NUM	C,7	Y	ORDERS	E
SC: Serial number assigned to orders					
ORDER_PREPARE_DATE	ORDER PREP	D	N	ORDERS	E
SC: Date orders were prepared					
ORDER PROCEED DATE	ORDER PROCE	D	N	ORDERS	E
SC: Date member should proceed to begin his orders					
ORDER REFERENCE	ORDER REFER	C,50	N	ORDERS	E
SC: References used in writing orders					
ORDER SUPPLEMENTARY ITEM CODES	ORDER SUPPL	C,100	N	ORDERS	E
SC: Additional codes to explain order information					
ORDER TRANSPORTATION REQUEST	ORDER TRANS	M	N	ORDERS	E
SC: Request for transportation on orders					
ORDER TRAVEL REASON CODE	ORDER REASO	C,30	N	ORDERS	E
SC: Code indicating reason for travel					
ORDER TRAVEL TYPE CODE	ORDER TRAVE	C,4	N	ORDERS	E
SC: Type of travel to be used in completing orders					
ORDER TYPE CODE	ORDER TYPE	C,10	N	ORDERS	E
SC: Type of orders (PCS, TEMADD, TEMADUINS)					
PHILIPPINE NONIMMIGRANT ALIEN	PHILIPPINE	L	N	CITIZENS	W
SC: Indicates if member is a Philippino nonimmigrant alien					
PROSPECTIVE GAIN DATE	PG DATE	D	N	assgn	R
SC: Date member is expected to be assigned to billet (command)					
PROSPECTIVE ROTATION DATE	PRD	D	N	assgn	R
SC: Date member is expected to rotate from command					

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SGLI BENEFICIARY NAME	BENEFICIARY	C,30	N	SGLI	W
SC: Name of member's beneficiary					
SGLI BENEFICIARY PAYMENT	BENEFICIARY	N,5	N	SGLI	W
SC: Payment amount to member's beneficiary					
SGLI BENEFICIARY RELATIONSHIP	BENEFICIARY	C,15	N	SGLI	W
SC: Relationship to member of member's beneficiary					
SGLI BENEFICIARY SHARE	BENEFICIARY	N,4	N	SGLI	W
SC: Share of benefits going to this beneficiary					
SGLI ENTITLEMENT EFFECTIVE DATE	EFFECTIVE D	D	N	SGLI	W
SC: Date the SGLI entitlement is effective from					
SGLI MEMBER SIGNATURE DATE	SIGNATURE D	D	N	SGLI	W
SC: Date member signed his SGLI form					
SGLI PAYMENT METHOD CODE	PAYMENT MET	C,2	N	SGLI	W
SC: Code indicating how SGLI is to be paid					
SPOUSE MARRIAGE RESOLUTION	SPOUSE MARR	C,10	N	EMERG	W
SC: Resolution of member's spouse's previous marriage					
SPOUSE MARRIAGE RESOLUTION DATE	SPOUSE MARR	D	N	EMERG	W
SC: Date of member's spouse's previous marriage resolution					
SPOUSE MARRIAGE RESOLUTION LOC	SPOUSE MARR	C,25	N	EMERG	W
SC: Location of member's spouse's previous marriage resolution					
SPOUSE NEXT OF KIN CITY NAME	SPOUSE NOK	C,25	N	EMERG	W
SC: Name of city where member's spouse's next of kin lives					
SPOUSE NEXT OF KIN NAME	SPOUSE NOK	C,45	N	EMERG	W
SC: Name of member's spouse's next of kin					
SPOUSE NEXT OF KIN RELATION	SPOUSE NOK	C,15	N	EMERG	W
SC: Relationship between member's spouse and his/her next of kin					
SPOUSE NEXT OF KIN STATE CODE	SPOUSE NOK	C,2	N	EMERG	W
SC: State code of member's spouse's next of kin					
SPOUSE NEXT OF KIN STREET NAME	SPOUSE NOK	C,45	N	EMERG	W
SC: Street address of member's spouse's next of kin					
SPOUSE PREVIOUS MARRIAGE	SPOUSE PREV	C,3	N	EMERG	W
SC: Code indicating status of spouse's previous marriage (D=divorced, N/A)					
UNIT ARRIVAL DATE	UNIT ARRIVA	D	N	ASSIGNME	W
SC: Date member arrived at command					

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UNIT DETACHMENT DATE UNIT DETACH D N ASSIGNME W
SC: Date member detached from command

UNIT IDENTIFICATION CODE UIC C,5 N RMKS W
SC: Unit Identification Code where member was given these admin remarks

UNIT IDENTIFICATION CODE UIC C,5 N ASSIGNME W
SC: Unit identification code of command where member is assigned

UNIT IDENTIFICATION CODE UIC C,5 N ORDERS E
SC: Unit identification code where member is stationed while on orders

US ALIEN US ALIEN L N CITIZENS W
SC: Indicates if member is an alien in the United States

US IMMIGRANT US IMMIGRAN L N CITIZENS W
SC: Indicates if member is an immigrant to the United States

US NATIVE US NATIVE L N CITIZENS W
SC: Indicates if member is a United States native

US NATURALIZED US NATURALI L N CITIZENS W
SC: Indicates if member has been naturalized

APPENDIX B

TRAINING ENTITY RELATIONSHIP DIAGRAM

This appendix contains the entity relationship diagrams for the TRAINING function as discussed in Chapter IV.

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ATTRIBUTE REPORT
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ATTRIBUTE REPORT FOR TRAINING - VERSION 2.11

Attribute Name	Alias	Format	Key	Object & Type
CERTIFICATION_ACHIEVED_DATE SC: Date member achieved his certification	CERT ACHIEV	D	N	achieved R
CERTIFICATION_ACHIEVED_REMARKS SC: Remarks about member's certification he achieved	CERT ACHIEV	C,50	N	achieved R
CERTIFICATION_NAME SC: Name of recurring certification	CERT NAME	C,25	Y	CERTIFIC E
CERTIFICATION_REQUAL_DATE SC: Date member is required to requalify for this recurring certification	CERT REQ DA	D	Y	CERTIFIC E
DATE_LAST_CERTIFIED SC: Date member was last certified for this recurring certification	CERT DATE	D	N	CERTIFIC E
DEPARTMENT/DIVISION_ASSIGNED SC: Names of department and division to which member is assigned	DEPT DIV AS	C,30	N	MEMBER E
DEPARTMENT_HEAD_NAME SC: Name and rank of department head	DEPT HEAD N	C,45	N	DEPT E
DEPARTMENT_LOCATION SC: Location of department	DEPT LOC	C,30	N	DEPT E
DEPARTMENT_NAME SC: Name of department	DEPT NAME	C,15	N	DEPT E
DEPARTMENT_PHONE SC: Phone number of departme.	DEPT PHONE	C,7	N	DEPT E
INSPECTION_DATE_DUE SC: Date of next inspection, certification, assist visit, or exam	INSP DATE D	D	Y	INSPECTI W
INSPECTION_DATE_SCHEDULED SC: Scheduled date of next inspection, certification, assist visit or exam	INSP DATE S	D	N	INSPECTI W
INSPECTION_DEPARTMENT_NAME SC: Department to which inspection, certification, assist visit applies	INSP DEPT N	C,15	N	INSPECTI W
INSPECTION_DESCRIPTION SC: Description of inspection, certification, assist visit or exam	INSP DESC	C,25	Y	INSPECTI W
INSPECTION_ITEM_GRADE SC: Grade given for inspection item (repeating group with item name)	INSP ITEM G	C,5	N	INSPECTI W
INSPECTION_ITEM_NAME SC: Name of inspection item (in repeating group with item grade)	INSP ITEM N	C,30	N	INSPECTI W

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INSPECTION LAST DATE	INSP LAST D	D	N	INSPECTI	W
SC: Date of last inspection, certification, assist visit or exam					
MEMBER NAME	MEMBER NAME	C,45	N	MEMBER	E
SC: Full name of member					
MEMBER RANK/RATE	MEMBER RANK	C,15	N	MEMBER	E
SC: Rank or rate of member					
MEMBER SOCIAL SECURITY NUMBER	SSN	C,11	Y	MEMBER	E
SC: Social security number of member					
NUMBER OF QUOTAS	NUM OF QUOT	N,2	N	SCHOOL Q	E
SC: Number of quotas obtained for this school					
PQS APPLICABLE DEPARTMENT	PQS APPL DE	C,12	N	PQS	W
SC: Department to which the PQS is applicable					
PQS APPLICABLE DIVISION	PQS APPL DI	C,15	N	PQS	W
SC: Division to which the PQS is applicable					
PQS AREA ASSIGNMENT	PQS AREA	C,25	N	PQS	W
SC: General area of assignment for PQS (e.g. damage control, maintenance)					
PQS ASSIGNED DURATION	PQS DURATIO	N,2	N	PQS	W
SC: Duration of PQS assignment in months					
PQS COMPLETION DATE	PQS COMP DA	D	N	PQS	W
SC: Date PQS is required/estimated to be completed by member					
PQS DATA LAST UPDATED BY	PQS LAST UP	C,3	N	PQS	W
SC: Identification code of person who last updated this file					
PQS DATA LAST UPDATED DATE	PQS LAST UP	D	N	PQS	W
SC: Date PQS data was last updated					
PQS DATE ASSIGNED	PQS DATE AS	D	N	PQS	W
SC: Date PQS was assigned to member					
PQS ITEM NUMBER	PQS NUMBER	C,15	Y	PQS ITEM	E
SC: Item number for PQS item					
PQS MISSION AREA	PQS MISSION	C,10	N	PQS	W
SC: Mission area that PQS is applicable to (e.g. AAW, ASW, DC)					
PQS NAVEDTRA NUMBER	PQS NUMBER	C,15	N	PQS	W
SC: Naval Education and Training Serial Number of PQS					
PQS NUMBER PEOPLE REQUIRED	PQS NUM PEO	N,3	N	PQS ITEM	E
SC: Number of people required for this PQS item					

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PQS_ORAL_BOARD_PASSED_DATE	PQS ORAL BO	D	N	PQS	W
SC: Date member passed the oral board for this PQS if required					
PQS_ORAL_BOARD_REQUIRED	PQS ORAL BO	L	N	PQS	W
SC: Indicates if an oral board is required for this PQS					
PQS_PERFORMANCE_TEST_DATE	PQS PERF TE	D	N	PQS	W
SC: Date member passed performance test for this PQS (if required)					
PQS_PERFORMANCE_TEST_REQUIRED	PQS PERF TE	L	N	PQS	W
SC: Indicates if performance test is required for this PQS					
PQS_POINTS_REQUIRED	PQS POINTS	N,4	N	PQS	W
SC: Number of points the member must obtain to complete this PQS item					
PQS_REQUAL_DATE	PQS REQUAL	D	N	PQS	W
SC: Date member must requalify for this PQS item or his qual will expire					
PQS_REQUAL_REQUIREMENT_TIME	PQS REQUAL	N,2	N	PQS	W
SC: Number of months member has until he must requalify for this PQS item					
PQS_STATUS_DATE	PQS STATUS	D	N	PQS	W
SC: Date of the current status information on this PQS qualification					
PQS_STATUS_FLAG	PQS STATUS	C,1	N	PQS	W
SC: Flag indicating PQS item status (A=assigned, I=in progress, C=complete)					
PQS_TITLE	PQS TITLE	C,25	Y	PQS	W
SC: Title of PQS qualification					
PQS_TOTAL_POINTS_TO_DATE	PQS TO DATE	N,4	N	PQS	W
SC: Number of points the member has earned on this PQS qual to date					
PQS_VALIDATION_LAST_UPDATED_BY	PQS VALID L	C,3	N	PQS	W
SC: Identification code of person performing last validation update					
PQS_VALIDATION_LAST_UPDATED_DATE	PQS VALID L	D	N	PQS	W
SC: Date this PQS qual was last validated and updated					
PQS_WATCH_STATION_NUMBER	PQS WATCH S	C,5	N	PQS	W
SC: Identifying number of watchstation that this PQS qual applies to					
PQS_WATCH_STATION_TITLE	PQS WATCH S	C,25	N	PQS	W
SC: Watchstation title to which this PQS qual is applicable					
PQS_WRITTEN_EXAM_PASSED_DATE	PQS WRITTEN	D	N	PQS	W
SC: Date member passed the written exam for this PQS qual (if required)					
PQS_WRITTEN_EXAM_REQUIRED	PQS WRITTEN	L	N	PQS	W
SC: Indicates if a written exam is required for this PQS qualification					
QUOTA_CONTROL_NUMBER	QUOTA CONT	C,15	Y	SCHOOL Q	E
SC: Control or verification number for quota with school					

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QUOTA_OBTAINED_BY QUOTA BY C,25 N SCHOOL Q E
SC: Name or identification code of person obtaining the quota

QUOTA_OBTAINED_DATE QUOTA_OBT D D N SCHOOL Q E
SC: Date quota was obtained by training

QUOTA_REQUIRED_BY QUOTA REQD C,1 N SCHOOL Q E
SC: Indicates who/what authority requires the quota

Long Comment :
THE FOLLOWING CODES INDICATE THE REQUIRING AUTHORITY:

T - TYPE COMMANDER

E - ENLISTED DATA VERIFICATION RECORD

G - GENERAL

A - ALL (OF THE ABOVE)

QUOTA_SCHOOL_DATE QUOTA DATE D N SCHOOL Q E
SC: Start date of school for which quotas were obtained

QUOTA_SCHOOL_NAME QUOTA SCHOO C,25 N SCHOOL Q E
SC: Name of school for which quota(s) were obtained

RECURRING_CERTIFICATION_REMARKS REC CERT RM C,25 N CERTIFIC E
SC: Remarks about certification (school req'd, TAD, replacement req'd)

REQUIRED_SCHOOL/NEC_NAME REQ SCHOOL/ C,10 N SCHOOL/N E
SC: Name of required school or Navy Enlisted Classification Code

REQUIRED_SCHOOL/NEC_NUMBER REQ SCHOOL/ C,10 Y SCHOOL/N E
SC: Official identifying number of required school or NEC

REQUIRED_SCHOOL/NEC_REMARKS REQ SCHOOL/ C,50 N SCHOOL/N E
SC: Special remarks regarding this particular school or NEC

REQUIRED_SCHOOL_LAST_UPDATED_BY REQ SCHOOL C,3 N SCHOOL/N E
SC: Identification code of person who last updated this file

REQUIRED_SCHOOL_LAST_UPDATE_DATE REQ SCHOOL D N SCHOOL/N E
SC: Date this file was last updated

REQ_SCHOOL/NEC_APPLICABLE_DEPT REQ SCHOOL/ C,10 N SCHOOL/N E
SC: Department on ship that requires this school or NEC

REQ_SCHOOL/NEC_APPL_MISSION_AREA REQ SCHOOL/ C,5 N SCHOOL/N E
SC: Mission area that utilizes this school or NEC (e.g. AAW, ASW, DC)

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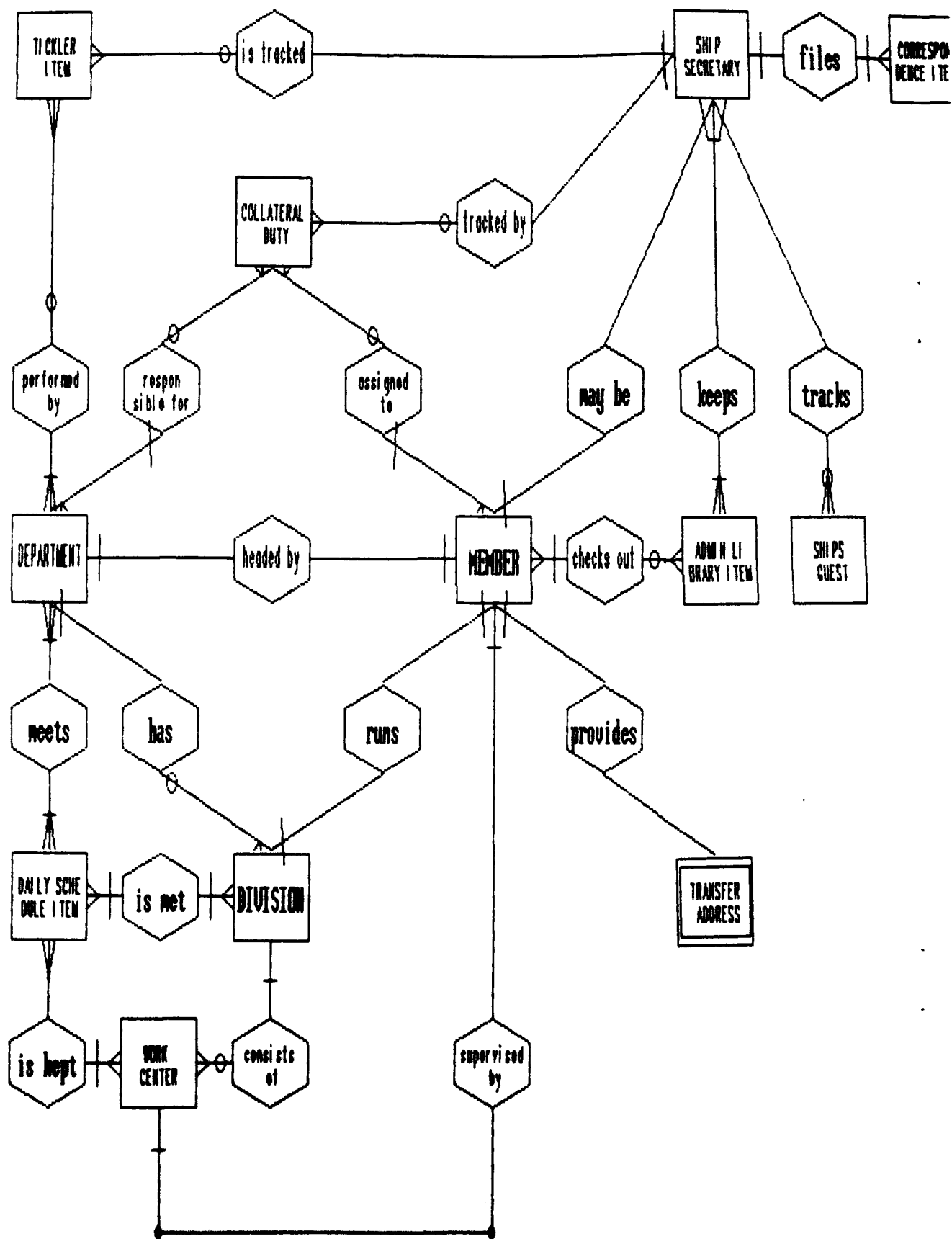
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SCHOOL/NEC_NUMBER_REQUIRED	SCHOOL/NEC	N,2	N	SCHOOL/N	E
SC: Number of people on board ship required to have this school or NEC					
SCHOOL_APPLICABLE_NEC	SCHOOL APPL	C,4	N	SCHOOL/N	E
SC: Applicable NEC earned at this required school					
TRAINING_ATTENDANCE_DATE	TRAINING AT	D	N	attends	R
SC: Date member attended training lecture					
TRAINING_ATTENDANCE_REMARKS	TRAINING AT	C,25	N	attends	R
SC: Remarks about member's attendance in lecture					
TRAINING_LECTURE_INSTRUCTOR	TRNG LEC IN	C,25	N	TRAINLEC	E
SC: Name of training lecture instructor					
TRAINING_LECTURE_NAME	TRNG LEC NA	C,25	N	TRAINLEC	E
SC: Official name of training lecture					
TRAINING_LECTURE_NUMBER	TRNG LEC NU	C,15	Y	TRAINLEC	E
SC: Identifying number of training lecture					
TRAINING_LECTURE_PERIODICITY	TRNG LEC PE	N,2	N	TRAINLEC	E
SC: Number of months allowed between lecture presentations					
TRAINING_OFFICER_NAME	TRAINING OF	C,45	N	TRAINING	E
SC: Name and rank of training officer					
TRAINING_OFFICE_LOCATION	TRAINING OF	C,15	N	TRAINING	E
SC: Location of training office					
TRAINING_OFFICE_PHONE	TRAINING OF	C,7	N	TRAINING	E
SC: Phone number of training office					
TYCOM_EXERCISE_DATE_COMPLETED	TYCOM EX DA	D	N	TYCOM EX	W
SC: Date this required Type Commander exercise was completed					
TYCOM_EXERCISE_DATE_STARTED	TYCOM EX DA	D	N	TYCOM EX	W
SC: Date this required Type Commander exercise was started					
TYCOM_EXERCISE_DEPARTMENT_NAME	TYCOM EX DE	C,15	N	TYCOM EX	W
SC: Department responsible for this required Type Commander exercise					
TYCOM_EXERCISE_DESCRIPTION	TYCOM EX DE	C,25	N	TYCOM EX	W
SC: Description of required Type Commander exercise					
TYCOM_EXERCISE_GRADE	TYCOM EX GR	C,12	N	TYCOM EX	W
SC: Grade given to exercise					
TYCOM_EXERCISE_NUMBER	TYCOM EX NU	C,15	Y	TYCOM EX	W
SC: Identifying number of required Type Commander exercise					
TYCOM_EXERCISE_PERIODICITY	TYCOM EX PE	N,2	N	TYCOM EX	W
SC: Maximum number of months allowed between performing this exercise					
TYCOM_EXERCISE_TITLE	TYCOM EX TI	C,25	N	TYCOM EX	W
SC: Title of required Type Commander exercise					

APPENDIX C

SHIP SECRETARY ENTITY RELATIONSHIP DIAGRAM

This appendix contains the entity relationship diagrams for the SHIP SECRETARY function as discussed in Chapter IV.



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STRUCTURE REPORT
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STRUCTURE REPORT FOR SHIPSEC - VERSION 2.11

ADMIN LIBRARY ITEM -

INSTRUCTION/PUBLICATION NUMBER
+ ADMIN_ITEM_CHANGE_NUMBER
+ ADMIN_ITEM_DESCRIPTION
+ ADMIN_ITEM_ISSUE_DATE
+ ADMIN_ITEM_LOCATION
+ ADMIN_ITEM_NAME
+ ADMIN_ITEM_NUMBER_OF_COPIES

COLLATERAL DUTY -

COLLATERAL_DUTY_NAME

CORRESPONDENCE ITEM -

CORRESPOND_ITEM_DATE
+ CORRESPOND_ITEM_SERIAL_NUMBER
+ CORRESPOND_ITEM_DESCRIPTION
+ CORRESPOND_ITEM_SSI

DAILY SCHEDULE ITEM -

DAILY_SCHEDULE_ITEM_DATE
+ DAILY_SCHEDULE_ITEM_NAME
+ DAILY_SCHEDULE_ITEM_TIME
+ DAILY_SCHEDULE_ITEM_DESCRIPTION
+ DAILY_SCHEDULE_ITEM_END_TIME
+ DAILY_SCHEDULE_ITEM_PERSON_RESP
+ DAILY_SCHEDULE_ITEM_REMARKS
+ DAILY_SCHEDULE_ITEM_START_TIME

DEPARTMENT -

DEPARTMENT_NAME
+ DEPARTMENT_HEAD_NAME
+ DEPARTMENT_LOCATION
+ DEPARTMENT_PHONE

DIVISION -

DIVISION_NAME
+ DIVISION_LOCATION
+ DIVISION_OFFICER_NAME
+ DIVISION_PHONE

MEMBER -

MEMBER_SOCIAL_SECURITY_NUMBER
+ DEPARTMENT/DIVISION_ASSIGNED
+ MEMBER_NAME
+ MEMBER_RANK/RATE

SHIP SECRETARY -

SHIP_SECRETARY_OFFICE_LOCATION
+ SHIP_SECRETARY_PHONE

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SHIPS GUEST -

- GUEST_NAME
- + GUEST_COMMAND
- + GUEST_DUTY_PHONE
- + GUEST_NEXT_OF_KIN_CITY
- + GUEST_NEXT_OF_KIN_NAME
- + GUEST_NEXT_OF_KIN_PHONE
- + GUEST_NEXT_OF_KIN_STATE_CODE
- + GUEST_NEXT_OF_KIN_STREET
- + GUEST_ORDER_NUMBER
- + GUEST_SOCIAL_SECURITY_NUMBER

TICKLER ITEM -

- TICKLER_ITEM_NAME
- + TICKLER_ITEM_DATE_DUE
- + TICKLER_ITEM_LAST_PERFORMED
- + TICKLER_ITEM_LAST_UPDATED_DATE
- + TICKLER_ITEM_PERIODICITY
- + TICKLER_ITEM_PERSON_RESPONSIBLE
- + TICKLER_ITEM_REFERENCE_NAME
- + TICKLER_ITEM_TYPE

TRANSFER ADDRESS -

- TRANSFER_COMMAND_NAME
- + TRANSFER_COMMAND_UIC
- + TRANSFER_HOME_CITY
- + TRANSFER_HOME_PHONE
- + TRANSFER_HOME_STATE_CODE
- + TRANSFER_HOME_STREET_NAME
- + TRANSFER_LAST_UPDATED_DATE

WORK CENTER -

- WORK_CENTER_NAME
- + WORK_CENTER_LOCATION
- + WORK_CENTER_NUMBER
- + WORK_CENTER_PHONE
- + WORK_CENTER_SUPERVISOR_NAME

assigned to -

- DATE_ASSIGNED

checks out -

- CHECK_OUT_DATE
- + CHECK_OUT_RETURN_DATE

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ATTRIBUTE REPORT
Author: Teresa Briede

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ATTRIBUTE REPORT FOR SHIPSEC - VERSION 2.11

Attribute Name	Alias	Format	Key	Object & Type
ADMIN ITEM CHANGE NUMBER SC: Official change number of instruction or publication	ADMIN ITEM	C,3	N	ADMIN LI E
ADMIN ITEM DESCRIPTION SC: Description of admin library item	ADMIN ITEM	C,30	N	ADMIN LI E
ADMIN ITEM ISSUE DATE SC: Date of issue of admin library item	ADMIN ITEM	D	N	ADMIN LI E
ADMIN ITEM LOCATION SC: Location where admin library item is stored	ADMIN ITEM	C,25	N	ADMIN LI E
ADMIN ITEM NAME SC: Name of admin library item	ADMIN ITEM	C,30	N	ADMIN LI E
ADMIN ITEM NUMBER OF COPIES SC: Number of copies of admin library item being held	ADMIN ITEM	N,2	N	ADMIN LI E
CHECK OUT DATE SC: Date item was checked out by member	CK OUT DATE	D	Y	checks o R
CHECK OUT RETURN DATE SC: Date item was returned by member	CK OUT RTN	D	N	checks o R
COLLATERAL DUTY NAME SC: Name of collateral duty	COLL DUTY N	C,45	Y	COLLATER E
CORRESPOND ITEM DATE SC: Date correspondence item was originated	CORRES ITEM	D	Y	CORRESPO E
CORRESPOND ITEM DESCRIPTION SC: Description of correspondence item	CORRES ITEM	C,40	N	CORRESPO E
CORRESPOND ITEM SERIAL NUMBER SC: Serial number from command of correspondence item	CORRES ITEM	C,5	Y	CORRESPO E
CORRESPOND ITEM SSIC SC: Standard Subject Identification Code for the correspondence item	CORRES ITEM	C,6	N	CORRESPO E
DAILY SCHEDULE ITEM DATE SC: Date of daily schedule item	DAILY SCHED	D	Y	DAILY SC E
DAILY SCHEDULE ITEM DESCRIPTION SC: Description of daily schedule item	DAILY SCHED	C,45	N	DAILY SC E
DAILY SCHEDULE ITEM END TIME SC: Time that schedule item should end	DAILY SCHED	T	N	DAILY SC E

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ATTRIBUTE REPORT
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DAILY_SCHEDULE_ITEM_NAME	DAILY SCHED	C,45	Y	DAILY SC	E
SC: Name of daily schedule item					
DAILY_SCHEDULE_ITEM_PERSON_RESP	DAILY SCHED	C,45	N	DAILY SC	E
SC: Name of person responsible for this item					
DAILY_SCHEDULE_ITEM_REMARKS	DAILY SCHED	M	N	DAILY SC	E
SC: Remarks about daily schedule item					
DAILY_SCHEDULE_ITEM_START_TIME	DAILY SCHED	T	N	DAILY SC	E
SC: Starting time of schedule item					
DAILY_SCHEDULE_ITEM_TIME	DAILY SCHED	T	Y	DAILY SC	E
SC: Time of daily schedule item					
DATE_ASSIGNED	DATE ASSIGN	D	N	assign	R
SC: Date collateral duty was assigned to member					
DEPARTMENT/DIVISION_ASSIGNED	DEPT DIV AS	C,30	N	MEMBER	E
SC: Names of department and division to which member is assigned					
DEPARTMENT_HEAD_NAME	DEPT HEAD N	C,45	N	DEPT	E
SC: Name of member in charge of the Department					
DEPARTMENT_LOCATION	DEPT LOC	C,30	N	DEPT	E
SC: Location of department (compartment number)					
DEPARTMENT_NAME	DEPT NAME	C,15	Y	DEPT	E
SC: Name of department					
DEPARTMENT_PHONE	DEPT PHONE	C,7	N	DEPT	E
SC: Phone number of department's office					
DIVISION_LOCATION	DIV LOC	C,30	N	DIVISION	E
SC: Location of division					
DIVISION_NAME	DIV NAME	C,30	Y	DIVISION	E
SC: Name of division					
DIVISION_OFFICER_NAME	DIV OFF NAM	C,45	N	DIVISION	E
SC: Name of member who runs the division					
DIVISION_PHONE	DIV PHONE	C,8	N	DIVISION	E
SC: Phone number of division's office					
GUEST_COMMAND	GUEST COMMA	C,30	N	SHIPS GU	E
SC: Command to which guest belongs					
GUEST_DUTY_PHONE	GUEST DUTY	C,12	N	SHIPS GU	E
SC: Phone number at guest's duty station					

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ATTRIBUTE REPORT
Author: Teresa Briede

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GUEST_NAME SC: Name of guest on board ship	GUEST NAME C,45	Y	SHIPS GU E
GUEST_NEXT_OF_KIN_CITY SC: Name of city where guest's next of kin lives	GUEST NOK C C,25	N	SHIPS GU E
GUEST_NEXT_OF_KIN_NAME SC: Name of guest's next of kin	GUEST NOK N C,45	N	SHIPS GU E
GUEST_NEXT_OF_KIN_PHONE SC: Phone number of guest's next of kin	GUEST NOK P C,12	N	SHIPS GU E
GUEST_NEXT_OF_KIN_STATE_CODE SC: State code where guest's next of kin lives	GUEST NOK S C,2	N	SHIPS GU E
GUEST_NEXT_OF_KIN_STREET SC: Street address of guest's next of kin	GUEST NOK S C,45	N	SHIPS GU E
GUEST_ORDER_NUMBER SC: Serial number of guest's orders	GUEST ORDER C,30	N	SHIPS GU E
GUEST_SOCIAL_SECURITY_NUMBER SC: Social security number of guest	GUEST SSN C,11	N	SHIPS GU E
INSTRUCTION/PUBLICATION_NUMBER SC: Instruction or publication number of the library item	INSTR/PUB N C,30	Y	ADMIN LI E
MEMBER_NAME SC: Full name of member	MEMBER NAME C,45	N	MEMBER E
MEMBER_RANK/RATE SC: Rank or rate of member	MEMBER RANK C,15	N	MEMBER E
MEMBER_SOCIAL_SECURITY_NUMBER SC: Social security number of member	SSN C,11	Y	MEMBER E
SHIP_SECRETARY_OFFICE_LOCATION SC: Location of ship secretary office	SHIP SEC OF C,30	N	SHIP SEC E
SHIP_SECRETARY_PHONE SC: Phone number of ship secretary	SHIP SEC PH C,8	N	SHIP SEC E
TICKLER_ITEM_DATE_DUE SC: Date tickler item is due	TICKLER ITE D	N	TIC ITEM E
TICKLER_ITEM_LAST_PERFORMED SC: Date tickler item was last performed	TICK ITEM L D	N	TIC ITEM E
TICKLER_ITEM_LAST_UPDATED_DATE SC: Date tickler item information was last updated	TICK ITEM L D	N	TIC ITEM E
TICKLER_ITEM_NAME SC: Name of tickler item	TICKLER ITE C,60	Y	TIC ITEM E

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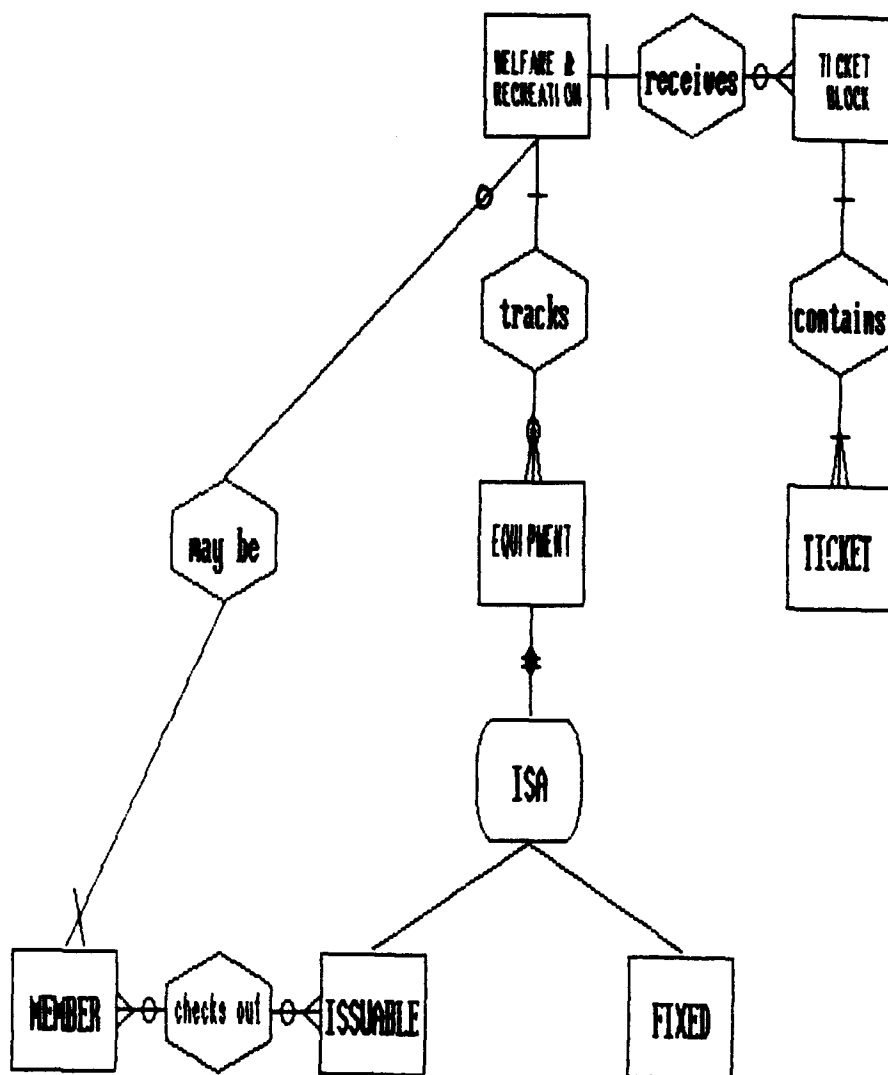
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TICKLER_ITEM PERIODICITY	TICK ITEM P	C,30	N	TIC ITEM	E
SC: Periodicity (frequency) of tickler item					
TICKLER_ITEM PERSON RESPONSIBLE	TICK PERSON	C,35	N	TIC ITEM	E
SC: Name of person/department responsible for this item					
TICKLER_ITEM REFERENCE_NAME	TICK ITEM R	C,45	N	TIC ITEM	E
SC: Name and number of reference requiring item					
TICKLER_ITEM TYPE	TICK ITEM T	C,20	N	TIC ITEM	E
SC: Type of action required (e.g. letter, message, report)					
TRANSFER_COMMAND_NAME	TRANS COMM	C,45	N	TRANSFER	W
SC: Name of command to which member is transferring					
TRANSFER_COMMAND UIC	TRANS COMM	C,6	N	TRANSFER	W
SC: Unit Identification Code of command to which member is transferring					
TRANSFER_HOME CITY	TRANS HOME	C,25	N	TRANSFER	W
SC: Name of city where member's home is at his new command					
TRANSFER_HOME PHONE	TRANS HOME	C,12	N	TRANSFER	W
SC: Phone number of member's new home					
TRANSFER_HOME STATE CODE	TRANS HOME	C,2	N	TRANSFER	W
SC: State code where member's new home is					
TRANSFER_HOME STREET NAME	TRANS HOME	C,45	N	TRANSFER	W
SC: Street address of member's home at new command					
TRANSFER_LAST_UPDATED_DATE	TRANS LAST	D	N	TRANSFER	W
SC: Date transfer information was last updated					
WORK_CENTER LOCATION	WK CNTR LOC	C,30	N	WORK CEN	E
SC: Location of work center					
WORK_CENTER_NAME	WK CNTR NAM	C,30	Y	WORK CEN	E
SC: Name of work center					
WORK_CENTER NUMBER	WORK CENTER	C,5	N	WORK CEN	E
SC: Specific code indicating which work center it is					
WORK_CENTER_PHONE	WK CNTR PHO	C,8	N	WORK CEN	E
SC: Phone number of work center					
WORK_CENTER_SUPERVISOR_NAME	WORK CENTER	C,45	N	WORK CEN	E
SC: Name of member supervising the work center					

APPENDIX D

WELFARE AND RECREATION ENTITY RELATIONSHIP DIAGRAM

This appendix contains the entity relationship diagrams for the WELFARE AND RECREATION function as discussed in Chapter IV.



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STRUCTURE REPORT
Author: Teresa Briede

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STRUCTURE REPORT FOR WELREC - VERSION 2.11

EQUIPMENT -

- EQUIPMENT_SERIAL_NUMBER
- + EQUIPMENT_ACQUISITION_COST
- + EQUIPMENT_ACQUISITION_DATE
- + EQUIPMENT_DESCRIPTION
- + EQUIPMENT_IDENTIFICATION_NUMBER
- + EQUIPMENT_LOCATION
- + EQUIPMENT_MANUFACTURER
- + EQUIPMENT_MODEL_NUMBER

FIXED -

- FIXED_EQUIPMENT_ACQUISITION_AGE

ISSUABLE -

- ISSUABLE_EQUIPMENT_LAST_UPDATED
- + ISSUABLE_EQUIPMENT_QUANTITY

MEMBER -

- MEMBER_SOCIAL_SECURITY_NUMBER
- + DEPARTMENT/DIVISION_ASSIGNED
- + MEMBER_NAME
- + MEMBER_RANK/RATE

TICKET -

- TICKET_SERIAL_NUMBER
- + TICKET_DATE_SOLD
- + TICKET_PURCHASER_NAME
- + TICKET_SALE_PRICE
- + TICKET_TYPE

TICKET BLOCK -

- TICKET_BLOCK_FUNCTION
- + TICKET_BLOCK_RECEIPT_DATE
- + TICKET_BLOCK_ADULT_PRICE
- + TICKET_BLOCK_CHILD_PRICE
- + TICKET_BLOCK_NUMBER_ADULT
- + TICKET_BLOCK_NUMBER_CHILD

WELFARE & RECREATION -

- WELFARE_RECREATION_LOCATION
- + WELFARE_RECREATION_PHONE

checks out -

- EQUIPMENT_CHECKED_OUT_DATE
- + EQUIPMENT_CHECKED_IN_DATE

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Author: Teresa Briede

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ATTRIBUTE REPORT FOR WELREC - VERSION 2.11

<u>Attribute Name</u>	<u>Alias</u>	<u>Format</u>	<u>Key</u>	<u>Object & Type</u>
DEPARTMENT/DIVISION ASSIGNED SC: Names of department and division to which member is assigned	DEPT DIV AS	C,30	N	MEMBER E
EQUIPMENT ACQUISITION COST SC: Cost of equipment upon acquisition	EQUIP ACQUI	\$	N	EQUIP E
EQUIPMENT ACQUISITION DATE SC: Date equipment was acquired	EQUIP ACQ D	D	N	EQUIP E
EQUIPMENT CHECKED IN DATE SC: Date issuable equipment was checked back in	EQUIP CHECK	D	N	checks o R
EQUIPMENT CHECKED OUT DATE SC: Date issuable equipment was checked out	EQUIPMENT C	D	Y	checks o R
EQUIPMENT DESCRIPTION SC: Description of equipment item	EQUIP DESC	C,45	N	EQUIP E
EQUIPMENT IDENTIFICATION NUMBER SC: Identification number of item given by command	EQUIP ID NU	C,35	N	EQUIP E
EQUIPMENT LOCATION SC: Location of equipment	EQUIP LOC	C,30	N	EQUIP E
EQUIPMENT MANUFACTURER SC: Name of manufacturer of equipment	EQUIP MANUF	C,45	N	EQUIP E
EQUIPMENT MODEL NUMBER SC: Model number of equipment	EQUIP MODEL	C,30	N	EQUIP E
EQUIPMENT SERIAL NUMBER SC: Serial number of equipment item	EQUIP SER N	C,35	Y	EQUIP E
FIXED EQUIPMENT ACQUISITION AGE SC: Age of equipment at acquisition	FIXED EQUIP	C,10	N	FIXED E
ISSUABLE EQUIPMENT LAST UPDATED SC: Date issuable equipment info was last updated	ISSUABLE EQ	D	N	ISSUABLE E
ISSUABLE EQUIPMENT QUANTITY SC: Quantity of issuable equipment item	ISSUABLE EQ	C,5	N	ISSUABLE E
MEMBER NAME SC: Full name of member	MEMBER NAME	C,45	N	MEMBER E
MEMBER RANK/RATE SC: Rank or rate of member (depending on if he is an officer or enlisted)	MEMBER RANK	C,15	N	MEMBER E

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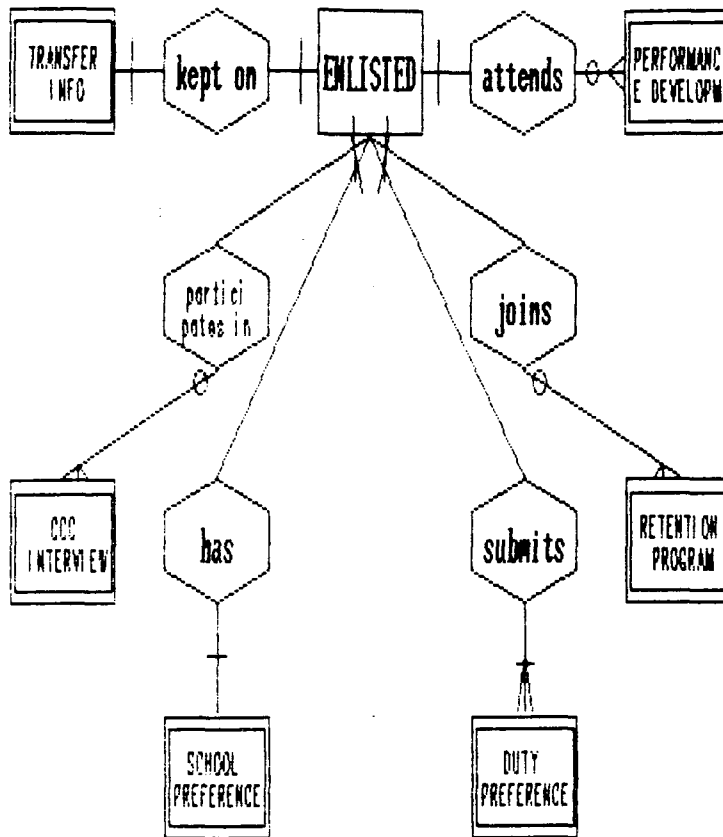
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MEMBER SOCIAL SECURITY NUMBER	SSN	C,11	Y	MEMBER	E
SC: Social security number of member					
TICKET_BLOCK ADULT PRICE	TICKET BLOC	\$	N	TICKET B	E
SC: Price paid for adult tickets in this block					
TICKET_BLOCK CHILD PRICE	TICKET BLOC	\$	N	TICKET B	E
SC: Price of children's ticket in this block					
TICKET_BLOCK FUNCTION	TICKET BLOC	C,45	Y	TICKET B	E
SC: Function for which ticket block is good (e.g. Disneyland, Giants)					
TICKET_BLOCK NUMBER ADULT	TICKET BLOC	N,4	N	TICKET B	E
SC: Number of adult tickets for this ticket block that were received					
TICKET_BLOCK NUMBER CHILD	TICKET BLOC	N,4	N	TICKET B	E
SC: Number of children tickets in this ticket block					
TICKET_BLOCK RECEIPT DATE	TICKET BLOC	D	Y	TICKET B	E
SC: Date ticket block was received					
TICKET DATE SOLD	TICKET DATE	D	N	TICKET	E
SC: Date ticket was sold					
TICKET_PURCHASER_NAME	TICKET PURC	C,35	N	TICKET	E
SC: Name of person purchasing ticket					
TICKET SALE PRICE	TICKET SALE	\$	N	TICKET	E
SC: Price ticket was sold for					
TICKET_SERIAL_NUMBER	TICKET NUMB	C,15	Y	TICKET	E
SC: Serial number assigned to ticket for tracking					
TICKET_TYPE	TICKET TYPE	C,5	N	TICKET	E
SC: Type of ticket sold (adult or child)					
WELFARE RECREATION LOCATION	WELREC LOC	C,30	N	WELREC	E
SC: Location where Welfare and Recreation Officer stays					
WELFARE RECREATION PHONE	WELREC PHON	C,8	N	WELREC	E
SC: Phone number of Welfare and Recreation Officer					

APPENDIX E

COMMAND CAREER COUNSELOR ENTITY RELATIONSHIP DIAGRAM

This appendix contains the entity relationship diagrams for the
COMMAND CAREER COUNSELOR function as discussed in Chapter IV.



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STRUCTURE REPORT
Author: Teresa Briede

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STRUCTURE REPORT FOR TRAINING - VERSION 2.11

CERTIFICATION =

- CERTIFICATION_NAME
- + CERTIFICATION_REQUAL_DATE
- + DATE_LAST_CERTIFIED
- + RECURRING_CERTIFICATION_REMARKS

DEPARTMENT =

- DEPARTMENT_HEAD_NAME
- + DEPARTMENT_LOCATION
- + DEPARTMENT_NAME
- + DEPARTMENT_PHONE

INSPECTION REQMT =

- INSPECTION_DATE_DUE
- + INSPECTION_DESCRIPTION
- + INSPECTION_DATE_SCHEDULED
- + INSPECTION_DEPARTMENT_NAME
- + INSPECTION_ITEM_GRADE
- + INSPECTION_ITEM_NAME
- + INSPECTION_LAST_DATE

MEMBER =

- MEMBER_SOCIAL_SECURITY_NUMBER
- + DEPARTMENT/DIVISION_ASSIGNED
- + MEMBER_NAME
- + MEMBER_RANK/RATE

PQS =

- PQS_TITLE
- + PQS_APPLICABLE_DEPARTMENT
- + PQS_APPLICABLE_DIVISION
- + PQS_AREA_ASSIGNMENT
- + PQS_ASSIGNED_DURATION
- + PQS_COMPLETION_DATE
- + PQS_DATA_LAST_UPDATED_BY
- + PQS_DATA_LAST_UPDATED_DATE
- + PQS_DATE_ASSIGNED
- + PQS_MISSION_AREA
- + PQS_NAVEDTRA_NUMBER
- + PQS_ORAL_BOARD_PASSED_DATE
- + PQS_ORAL_BOARD_REQUIRED
- + PQS_PERFORMANCE_TEST_DATE
- + PQS_PERFORMANCE_TEST_REQUIRED
- + PQS_POINTS_REQUIRED
- + PQS_REQUAL_DATE
- + PQS_REQUAL_REQUIREMENT_TIME
- + PQS_STATUS_DATE
- + PQS_STATUS_FLAG
- + PQS_TOTAL_POINTS_TO_DATE

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STRUCTURE REPORT
Author: Teresa Briede

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- + PQS_VALIDATION_LAST_UPDATED_BY
- + PQS_VALIDATION_LAST_UPDATED_DATE
- + PQS_WATCH_STATION_NUMBER
- + PQS_WATCH_STATION_TITLE
- + PQS_WRITTEN_EXAM_PASSED_DATE
- + PQS_WRITTEN_EXAM_REQUIRED

PQS ITEM =

- PQS_ITEM_NUMBER
- + PQS_NUMBER_PEOPLE_REQUIRED

SCHOOL QUOTA =

- QUOTA_CONTROL_NUMBER
- + NUMBER_OF_QUOTAS
- + QUOTA_OBTAINED_BY
- + QUOTA_OBTAINED_DATE
- + QUOTA_REQUIRED_BY
- + QUOTA_SCHOOL_DATE
- + QUOTA_SCHOOL_NAME

SCHOOL/NEC REQMT =

- REQUIRED_SCHOOL/NEC_NUMBER
- + REQUIRED_SCHOOL/NEC_NAME
- + REQUIRED_SCHOOL/NEC_REMARKS
- + REQUIRED_SCHOOL_LAST_UPDATED_BY
- + REQUIRED_SCHOOL_LAST_UPDATE_DATE
- + REQ_SCHOOL/NEC_APPLICABLE_DEPT
- + REQ_SCHOOL/NEC_APPL_MISSION_AREA
- + SCHOOL/NEC_NUMBER_REQUIRED
- + SCHOOL_APPLICABLE_NEC

TRAINING =

- TRAINING_OFFICER_NAME
- + TRAINING_OFFICE_LOCATION
- + TRAINING_OFFICE_PHONE

TRAINING LECTURE =

- TRAINING_LECTURE_NUMBER
- + TRAINING_LECTURE_INSTRUCTOR
- + TRAINING_LECTURE_NAME
- + TRAINING_LECTURE_PERIODICITY

TYCOM EXERCISE =

- TYCOM_EXERCISE_NUMBER
- + TYCOM_EXERCISE_DATE_COMPLETED
- + TYCOM_EXERCISE_DATE_STARTED
- + TYCOM_EXERCISE_DEPARTMENT_NAME
- + TYCOM_EXERCISE_DESCRIPTION
- + TYCOM_EXERCISE_GRADE
- + TYCOM_EXERCISE_PERIODICITY
- + TYCOM_EXERCISE_TITLE

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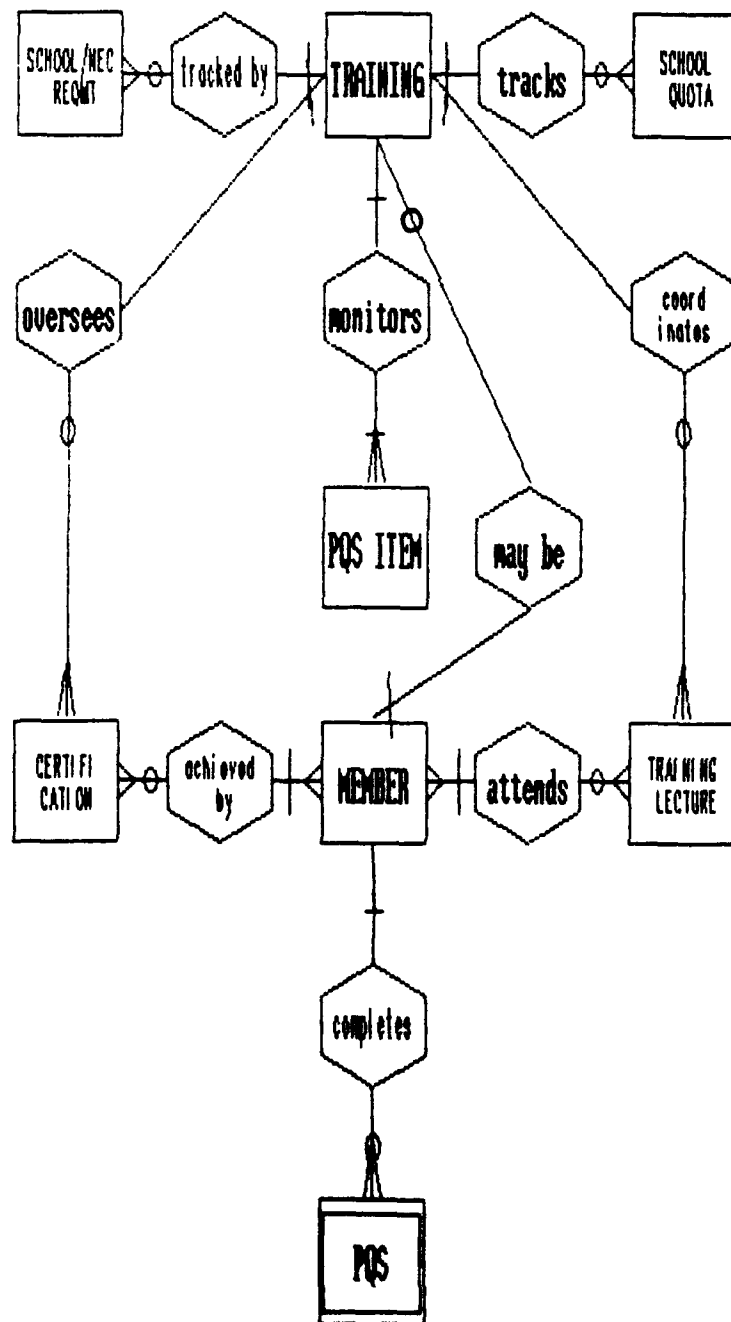
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achieved by =

CERTIFICATION_ACHIEVED_DATE
+ CERTIFICATION_ACHIEVED_REMARKS

attends =

TRAINING_ATTENDANCE_DATE
+ TRAINING_ATTENDANCE_REMARKS



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STRUCTURE REPORT
Author: Teresa Briede

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STRUCTURE REPORT FOR CCC - VERSION 2.11

CCC INTERVIEW -

- CCC_INTERVIEW_DATE
- + CCC_INTERVIEW_TYPE
- + CCC_INTERVIEW_CAREER_INTENTIONS
- + CCC_INTERVIEW_COMMENTS
- + CCC_INTERVIEW_LAST_UPDATED_BY
- + CCC_INTERVIEW_LAST_UPDATED_DATE

DUTY PREFERENCE -

- DUTY_DATE_SUBMITTED
- + DUTY_TYPE
- + DUTY/ACTIVITY_CODE_FIRST_CHOICE
- + DUTY/ACTIVITY_CODE_SECOND_CHOICE
- + DUTY/ACTIVITY_CODE_THIRD_CHOICE
- + DUTY/ACTIVITY_TYPE_FIRST_CHOICE
- + DUTY/ACTIVITY_TYPE_SECOND_CHOICE
- + DUTY/ACTIVITY_TYPE_THIRD_CHOICE
- + DUTY_LOCATION_CODE_FIRST_CHOICE
- + DUTY_LOCATION_CODE_SECOND_CHOICE
- + DUTY_LOCATION_CODE_THIRD_CHOICE
- + DUTY_LOCATION_FIRST_CHOICE
- + DUTY_LOCATION_SECOND_CHOICE
- + DUTY_LOCATION_THIRD_CHOICE
- + DUTY_PREFERENCE_LAST_UPDATE_DATE
- + DUTY_TYPE_PRIORITY
- + LOCATION_TYPE_PRIORITY

ENLISTED -

- MEMBER_SOCIAL_SECURITY_NUMBER
- + DEPARTMENT/DIVISION_ASSIGNED
- + ELISTED_RATE
- + ENLISTED_RATING
- + MEMBER_NAME

PERFORMANCE DEVELOPMENT BOARD -

- PDB_DATE
- + PDB_APPROVAL
- + PDB_COMMENTS
- + PDB_REASON

RETENTION PROGRAM -

- RETENTION_PROGRAM_NAME
- + NEED_TO_BE_SINGLE
- + RETENTION_PROGRAM_DESCRIPTION
- + RETENTION_PROGRAM_LAST_UPDATEDBY
- + RETENTION_PROGRAM_MANAGER
- + RET_PGM_LAST_UPDATED_DATE
- + RET_PGM_MAXIMUM_AGE_ALLOWED
- + RET_PGM_MAXIMUM_PAYGRADE

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- + RET_PGM_MAXIMUM_TIME_IN_SERVICE
- + RET_PGM_MINIMUM_AGE_ALLOWED
- + RET_PGM_MINIMUM_GCT_PLUS_ARI
- + RET_PGM_MINIMUM_PAYGRADE
- + RET_PGM_MINIMUM_TIME_IN_SERVICE

SCHOOL PREFERENCE -

- SCHOOL_EXTENSION_DUTY_CODE
- + SCHOOL_EXTENSION_DUTY_LOCATION
- + SCHOOL_EXTENSION_DUTY_TYPE
- + SCHOOL_EXTENSION_LOCATION_CODE
- + SCHOOL_NAME
- + SCHOOL_PREFERENCE_LAST_UPDATED

TRANSFER INFO -

- CAREER_INTENSIONS_CODE
- + EXTENSION_INTENT_NUMBER_MONTHS
- + HOUSEHOLD_EFFECTS_PRESENT_WEIGHT
- + HOUSEHOLD_EFFECTS_STORAGE_LOC
- + HOUSEHOLD_EFFECTS_STORAGE_WEIGHT
- + LAST_DEPLOYMENT_LENGTH
- + LAST_DEPLOYMENT_LOCATION_CODE
- + LAST_DEPLOYMENT_RETURN_DATE
- + REENLIST_INTENT_NUMBER_MONTHS
- + TRANSFER_INFO_LAST_UPDATED_DATE
- + TRANSFER_REMARKS
- + VOLUNTEER_STATUS

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ATTRIBUTE REPORT
Author: Teresa Briede

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ATTRIBUTE REPORT FOR CCC - VERSION 2.11

Attribute Name	Alias	Format	Key	Object & Type
CAREER_INTENSIONS_CODE	CAREER INTE	C,1	N	TRANSFER W
SC: Code indicating member's career intentions				

Long Comment :

The following are valid codes for career intentions:

R = Reenlist at EAOS
P = Extend onboard at present duty station
E = Extension at EAOS
U = Uncertain
D = Discharge at EAOS
F = Fleet Reserve or Retirement

CCC_INTERVIEW_CAREER_INTENTIONS	CCC CAREER	C,50	N	CCC INTE W
SC: Career intentions of member as indicated in interview				

CCC_INTERVIEW_COMMENTS	CCC COMENTS	C,100	N	CCC INTE W
SC: Comments about member from interview by the CCC				

CCC_INTERVIEW_DATE	CCC INTERVI	D	Y	CCC INTE W
SC: Date of CCC interview				

CCC_INTERVIEW_LAST_UPDATED_BY	CCC INTERVI	C,3	N	CCC INTE W
SC: Identification code of person who last updated this record				

CCC_INTERVIEW_LAST_UPDATED_DATE	CCC INTERVI	D	N	CCC INTE W
SC: Date this interview record was last updated				

CCC_INTERVIEW_TYPE	INTERVIEW T	C,15	Y	CCC INTE W
SC: Type of the interview (reenlistment, annual, special, reporting, etc)				

DEPARTMENT/DIVISION_ASSIGNED	DEPT DIV AS	C,30	N	ENLISTED E
SC: Names of department and division to which member is assigned				

DUTY/ACTIVITY_CODE_FIRST_CHOICE	DUTY ACT CO	C,4	N	DUTY PRE W
SC: Activity code for member's first choice of duty or activity type				

DUTY/ACTIVITY_CODE_SECOND_CHOICE	DUTY ACT CO	C,4	N	DUTY PRE W
SC: Four character code for member's second choice of duty or activity				

DUTY/ACTIVITY_CODE_THIRD_CHOICE	DUTY ACT CO	C,4	N	DUTY PRE W
SC: Four character code for member's third choice of duty or activity type				

DUTY/ACTIVITY_TYPE_FIRST_CHOICE	DUTY ACT TY	C,20	N	DUTY PRE W
SC: Member's first choice of type of duty or activity for this duty type				

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DUTY/ACTIVITY_TYPE_SECOND_CHOICE DUTY ACT TY C,4 N DUTY PRE W
SC: Member's second choice of duty or activity type for this duty type

DUTY/ACTIVITY_TYPE_THIRD_CHOICE DUTY ACT TY C,20 N DUTY PRE W
SC: Member's third choice of type of duty or activity for this duty type

DUTY_DATE_SUBMITTED DUTY DATE S D Y DUTY PRE W
SC: Date member submitted duty preference

DUTY_LOCATION_CODE_FIRST_CHOICE DUTY LOC CO C,3 N DUTY PRE W
SC: Three character code for location code (member's first choice)

DUTY_LOCATION_CODE_SECOND_CHOICE DUTY LOC CO C,3 N DUTY PRE W
SC: Three character code of member's second choice for duty location

DUTY_LOCATION_CODE_THIRD_CHOICE DUTY LOC CO C,3 N DUTY PRE W
SC: Three character code for member's third choice of location of duty

DUTY_LOCATION_FIRST_CHOICE DUTY LOC FI C,20 N DUTY PRE W
SC: Member's first choice of a duty station location for this duty type

DUTY_LOCATION_SECOND_CHOICE DUTY LOC SE C,20 N DUTY PRE W
SC: Member's second choice of duty location for this duty type

DUTY_LOCATION_THIRD_CHOICE DUTY LOC TH C,20 N DUTY PRE W
SC: Member's third choice for location of duty in this duty type

DUTY_PREFERENCE_LAST_UPDATE_DATE DUTY PREF L D N DUTY PRE W
SC: Indicates when this duty preference record was last updated

DUTY_TYPE DUTY TYPE C,8 Y DUTY PRE W
SC: Type of duty (shore, overseas, or sea) preference req'd for each type

DUTY_TYPE_PRIORITY DUTY TYPE P C,1 N DUTY PRE W
SC: Prioritizes the duty types (1,2,3) as to which the member wants most

ENLISTED_RATE ENLISTED RA C,5 N ENLISTED E
SC: Rate of enlisted member

ENLISTED_RATING ENLISTED RA C,25 N ENLISTED E
SC: Rating of enlisted member

EXTENSION_INTENT_NUMBER_MONTHS EXT INTENT N,2 N TRANSFER W
SC: Number of months the member intends to extend

HOUSEHOLD_EFFECTS_PRESENT_WEIGHT HOUSEHOLD E N,2 N TRANSFER W
SC: Member's household effects weight (K pounds) at present duty station

HOUSEHOLD_EFFECTS_STORAGE_LOC HOUSEHOLD E C,3 N TRANSFER W
SC: Location code of member's household effects in storage

HOUSEHOLD_EFFECTS_STORAGE_WEIGHT HOUSEHOLD E N,2 N TRANSFER W

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SC: Weight of household effects in storage (in thousands of pounds)

LAST DEPLOYMENT LENGTH LAST DEPLOY N,2 N TRANSFER W
SC: Number of months the member's last deployment was

LAST DEPLOYMENT LOCATION CODE LAST DEPLOY C,4 N TRANSFER W
SC: Location code for member's last deployment

Long Comment :

The following codes are valid for last deployment location code

7FLT = 7th fleet
MED = Mediterranean
CARB = Caribbean
NEUR = North Europe
MEST = Mid-East
INDO = Indian Ocean
SOAM = South America
ANT = Antarctic

LAST DEPLOYMENT RETURN DATE LAST DEPLOY D N TRANSFER W
SC: Date member returned from last deployment

LOCATION TYPE PRIORITY LOC TYPE PR C,1 N DUTY PRE W
SC: Indicates which is more important to the member (L=location, T=type)

MEMBER NAME MEMBER NAME C,45 N ENLISTED E
SC: Full name of member

MEMBER SOCIAL SECURITY NUMBER SSN C,11 Y ENLISTED E
SC: Social security number of member

NEED TO BE SINGLE SINGLE L N RETENTIO W
SC: Indicates if the retention program requires the member to be single

PDB APPROVAL PDB APPROVA L N PDB W
SC: Indicates if Performance Development Board approved member's request

PDB COMMENTS PDB COMMENT C,100 N PDB W
SC: Comments from the Performance Development Board about member's request

PDB DATE PDB DATE D Y PDB W
SC: Date member attended Performance Development Board

PDB REASON PDB REASON C,25 N PDB W
SC: Reason member attended the Performance Development Board

REENLIST INTENT NUMBER MONTHS REENLIST IN N,2 N TRANSFER W
SC: Number of months the member intends to reenlist for

RETENTION PROGRAM DESCRIPTION RET PGM DES C,100 N RETENTIO W

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SC: Description of Retention Program

RETENTION_PROGRAM_LAST_UPDATEDBY RET PGM LAS C,3 N RETENTIO W
SC: Indicates identification code of person who last updated this record

RETENTION_PROGRAM_MANAGER RET PGM MNG C,25 N RETENTIO W
SC: Person who manages this retention program

RETENTION_PROGRAM_NAME RET PGM NAM C,20 Y RETENTIO W
SC: Name of retention program

RET_PGM_LAST_UPDATED_DATE RET PGM LAS D N RETENTIO W
SC: Date this record was last updated

RET_PGM_MAXIMUM_AGE_ALLOWED RET PGM MAX N,2 N RETENTIO W
SC: Maximum age a member can be to belong in this retention program

RET_PGM_MAXIMUM_PAYGRADE RET PGM MAX C,3 N RETENTIO W
SC: Maximum paygrade a member can be to belong in this retention program

RET_PGM_MAXIMUM_TIME_IN_SERVICE RET PGM MAX N,3 N RETENTIO W
SC: Maximum time in service a member can have (in months) in this program

RET_PGM_MINIMUM_AGE_ALLOWED RET PGM MIN N,2 N RETENTIO W
SC: Minimum age a member can be to belong in this retention program

RET_PGM_MINIMUM_GCT_PLUS_ARI RET PGM MIN N,3 N RETENTIO W
SC: Minimum total of GCT and ARI scores to be eligible for this program

RET_PGM_MINIMUM_PAYGRADE RET PGM MIN C,2 N RETENTIO W
SC: Minimum paygrade a member can be to be eligible for this ret. program

RET_PGM_MINIMUM_TIME_IN_SERVICE RET PGM MIN N,3 N RETENTIO W
SC: Min time in service a member can have (in months) to be in this program

SCHOOL_EXTENSION_DUTY_CODE SCH EXT DUT C,4 N SCHOOL P W
SC: Duty type code that member is willing to extend for to attend school

SCHOOL_EXTENSION_DUTY_LOCATION SCH EXT DUT C,20 N SCHOOL P W
SC: Location of duty member is willing to extend for to attend school

SCHOOL_EXTENSION_DUTY_TYPE SCH EXT DUT C,20 N SCHOOL P W
SC: Type of duty member is willing to extend for to attend school

SCHOOL_EXTENSION_LOCATION_CODE SCH EXT DUT C,3 N SCHOOL P W
SC: Location code of duty member is willing to extend for to attend school

SCHOOL_NAME S NAME C,25 N SCHOOL P W
SC: Name of school (from TRANSMAN) that member would like to attend

SCHOOL_PREFERENCE_LAST_UPDATED SCH PREF LA D N SCHOOL P W
SC: Date school preference record was last updated

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TRANSFER_INFO_LAST_UPDATED_DATE TRANSFER IN D N TRANSFER W
SC: Date transfer information was last updated

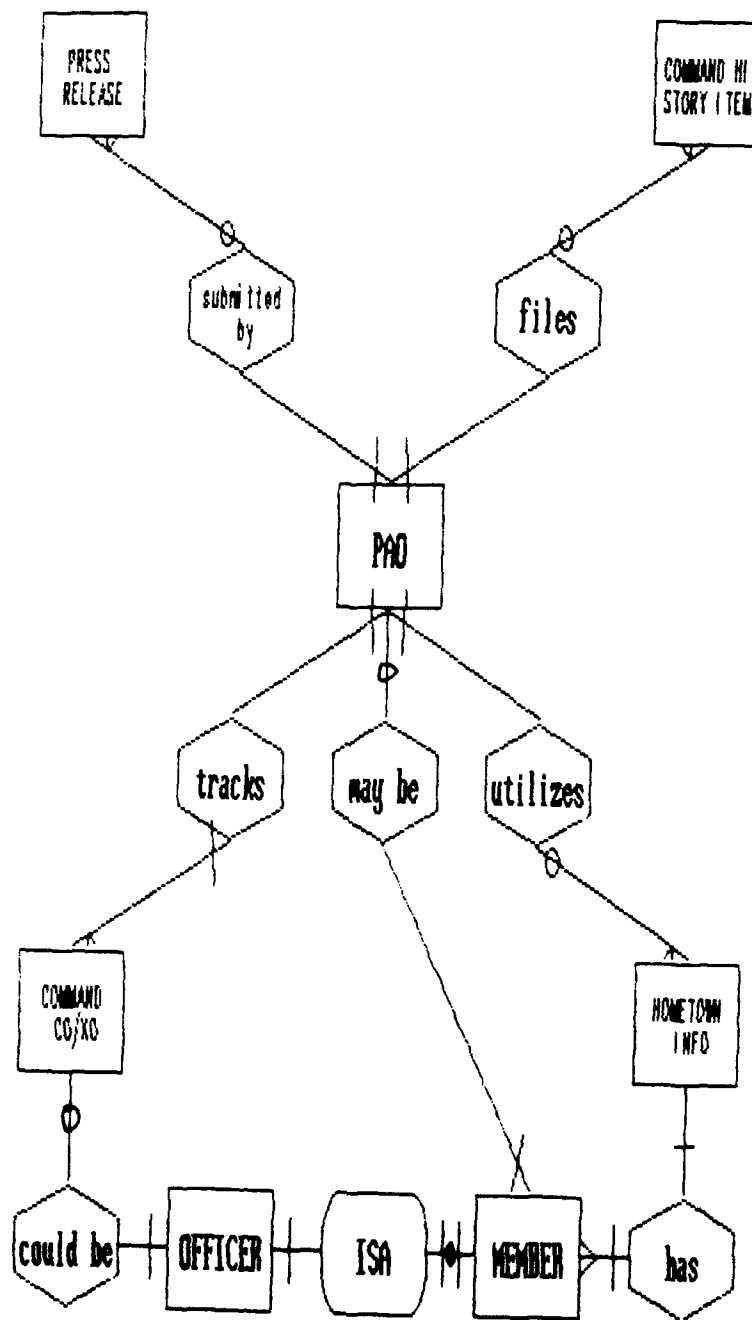
TRANSFER_REMARKS TRANS RMKS C,75 N TRANSFER W
SC: Member's remarks about transferring information

VOLUNTEER STATUS VOLUNTEER S C,1 N TRANSFER W
SC: Type of duty member is volunteering for (F=flight, S=subs, or blank)

APPENDIX F

PUBLIC AFFAIRS OFFICER ENTITY RELATIONSHIP DIAGRAM

This appendix contains the entity relationship diagrams for the PUBLIC AFFAIRS OFFICER function as discussed in Chapter IV.



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STRUCTURE REPORT FOR PAO - VERSION 2.11

COMMAND CO/XO =

- COMMAND_CO/XO_FROM_DATE
- + COMMAND_CO/XO_INDICATOR
- + COMMAND_CO/XO_NAME
- + COMMAND_CO/XO_TO_DATE

COMMAND HISTORY ITEM =

- COMMAND_HISTORY_ITEM_DATE
- + COMMAND_HISTORY_ITEM_DESCRIPTION

HOMETOWN INFO =

- HOMETOWN_CITY
- + HOMETOWN_COUNTRY
- + HOMETOWN_NAME
- + HOMETOWN_NEWSPAPER_CITY
- + HOMETOWN_NEWSPAPER_COUNTRY
- + HOMETOWN_NEWSPAPER_NAME
- + HOMETOWN_NEWSPAPER_STATE_CODE
- + HOMETOWN_STATE_CODE
- + HOMETOWN_STREET_ADDRESS

MEMBER =

- MEMBER_SOCIAL_SECURITY_NUMBER
- + DEPARTMENT/DIVISION_ASSIGNED
- + MEMBER_NAME
- + MEMBER_RANK/RATE
- + PAO_COMMENTS

OFFICER =

- MEMBER_SOCIAL_SECURITY_NUMBER
- + MEMBER_NAME
- + OFFICER_RANK

PAO =

- PAO_NAME
- + PAO_OFFICE_LOCATION
- + PAO_OFFICE_PHONE

PRESS RELEASE =

- PRESS_RELEASE_DATE
- + PRESS_RELEASE_DESCRIPTION
- + PRESS_RELEASE_DESTINATION

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ATTRIBUTE REPORT FOR PAO - VERSION 2.11

Attribute Name	Alias	Format	Key	Object & Type
COMMAND_CO/XO_FROM_DATE SC: Starting date for command CO or XO	COMM CO/XO	D	Y	CO/XO E
COMMAND_CO/XO_INDICATOR SC: Indicates whether person was the CO or XO (using those two characters)	COMM CO/XO	C,2	Y	CO/XO E
COMMAND_CO/XO_NAME SC: Name of command CO or XO	COMM CO/XO	C,45	N	CO/XO E
COMMAND_CO/XO_TO_DATE SC: Ending date for command CO or XO	COMM CO/XO	D	N	CO/XO E
COMMAND_HISTORY_ITEM_DATE SC: Date important item in the command's history occurred	COMM HIST I	D	Y	COMMHIST E
COMMAND_HISTORY_ITEM_DESCRIPTION SC: Description of important historical item for command	COMM HIST I	C,45	N	COMMHIST E
DEPARTMENT/DIVISION_ASSIGNED SC: Names of department and division to which member is assigned	DEPT DIV AS	C,30	N	MEMBER E
HOMETOWN_CITY SC: Name of city where member would like ship information to go	HOMETOWN CI	C,25	N	HOMETOWN E
HOMETOWN_COUNTRY SC: Name of country where member would like ship information to go	HOMETOWN CO	C,20	N	HOMETOWN E
HOMETOWN_NAME SC: Name to which member would like ship news to go	HOMETOWN NA	C,30	N	HOMETOWN E
HOMETOWN_NEWSPAPER_CITY SC: City of member's hometown newspaper	HOMETOWN NE	C,25	N	HOMETOWN E
HOMETOWN_NEWSPAPER_COUNTRY SC: Name of country where member's hometown newspaper is	HOMETOWN NE	C,20	N	HOMETOWN E
HOMETOWN_NEWSPAPER_NAME SC: Name of member's hometown newspaper	HOMETOWN NE	C,45	N	HOMETOWN E
HOMETOWN_NEWSPAPER_STATE_CODE SC: State code of member's hometown newspaper	HOMETOWN NE	C,2	N	HOMETOWN E
HOMETOWN_STATE_CODE SC: State code where member would like ship information to go	HOMETOWN ST	C,2	N	HOMETOWN E
HOMETOWN_STREET_ADDRESS SC: Street address where member would like news information to go	HOMETOWN ST	C,30	N	HOMETOWN E

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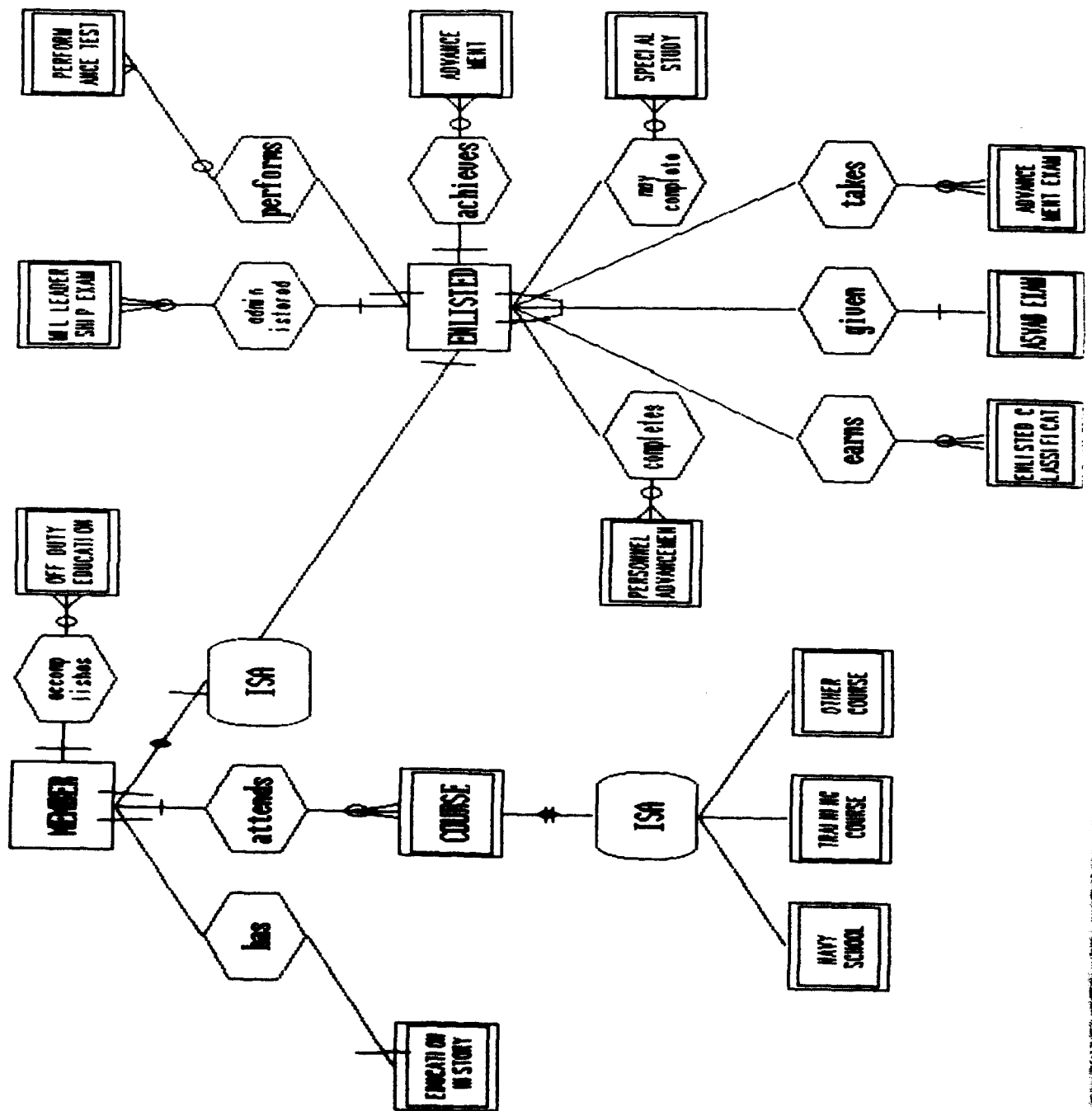
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MEMBER NAME	MEMBER NAME	C,45	N	OFFICER	E
SC: Full name of member					
MEMBER NAME	MEMBER NAME	C,45	N	MEMBER	E
SC: Full name of member					
MEMBER RANK/RATE	MEMBER RANK	C,15	N	MEMBER	E
SC: Rank or rate of member (depending on if he is an officer or enlisted)					
MEMBER SOCIAL SECURITY NUMBER	SSN	C,11	Y	OFFICER	E
SC: Social security number of member					
MEMBER SOCIAL SECURITY NUMBER	SSN	C,11	Y	MEMBER	E
SC: Social security number of member					
OFFICER RANK	OFFICER RAN	C,15	N	OFFICER	E
SC: Rank of officer					
PAO COMMENTS	PAO COMMENT	M	N	MEMBER	E
SC: Comments from PAO about member					
PAO NAME	PAO NAME	C,45	N	PAO	E
SC: Name and rank of public affairs officer					
PAO OFFICE LOCATION	PAO OFFICE	C,15	N	PAO	E
SC: Location of PAO office					
PAO OFFICE PHONE	PAO PHONE	C,7	N	PAO	E
SC: Phone number of PAO office					
PRESS RELEASE DATE	PRESS REL D	D	Y	PRESS RE	E
SC: Date press release was released for publication					
PRESS RELEASE DESCRIPTION	PRESS REL D	C,45	N	PRESS RE	E
SC: Description of press release					
PRESS RELEASE DESTINATION	PRESS REL D	C,45	N	PRESS RE	E
SC: Name of organization where press release was sent					

APPENDIX G

EDUCATIONAL SERVICES OFFICER ENTITY RELATIONSHIP DIAGRAM

This appendix contains the entity relationship diagrams for the EDUCATIONAL SERVICES OFFICER function as discussed in Chapter IV.



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STRUCTURE REPORT FOR ESO - VERSION 2.11

ADVANCEMENT -

ADVANCEMENT DATE
+ RATE ADVANCED
+ TIME_IN_RATE_COMPUTED_FROM_DATE
+ TIME_IN_RATE_EFFECTIVE_DATE
+ TIME_IN_RATE_ELIG_INDICATOR
+ TIME_IN_RATE_UPDATED_BY

ADVANCEMENT EXAM -

ADV_EXAM DATE
+ ADV_EXAM_ACTIVITY_UNIT_ID_CODE
+ ADV_EXAM_CYCLE
+ ADV_EXAM DATE DESTROYED
+ ADV_EXAM DATE TRANSFERRED
+ ADV_EXAM_FINAL_MULTIPLE
+ ADV_EXAM_MINIMUM_MULTIPLE_REQ
+ ADV_EXAM_RATE
+ ADV_EXAM_RATING
+ ADV_EXAM_RECOMMENDATION
+ ADV_EXAM_SECTION_NUMBER
+ ADV_EXAM_SECTION_STANDING_CODE
+ ADV_EXAM_SERIAL_NUMBER
+ ADV_EXAM_SERIES
+ ADV_EXAM_STANDARD_SCORE
+ ADV_EXAM_UIC_TRANSFERRED_TO

ASVAB EXAM -

ARMED FORCES QUAL TEST SCORE
+ ASVAB_ADMINISTERING_ACTIVITY
+ ASVAB_ADMINISTERING_LOCATION
+ ASVAB_DATE_TAKEN
+ ASVAB_FORM_NUMBER
+ ASVAB_PREPARING_ACTIVITY
+ ASVAB_PREPARING_ACTIVITY_CITY
+ ASVAB_PREPARING_ACTIVITY_CODE
+ ASVAB_PREPARING_ACTIVITY_STATE
+ ASVAB_SCORE DATE PREPARED
+ ASVAB_TEST_NUMBER
+ ASVAB_TYPEA_ARITHMETIC_REASONING
+ ASVAB_TYPEA_AUTOMATIVE_SHOP
+ ASVAB_TYPEA_CODING_SPEED
+ ASVAB_TYPEA_ELECTRONIC_INFO
+ ASVAB_TYPEA_GENERAL_SCIENCE
+ ASVAB_TYPEA_MATHEMATIC_KNOWLEDGE
+ ASVAB_TYPEA_MECHANICAL_COMPREHEN
+ ASVAB_TYPEA_NUMERICAL_OPERATIONS
+ ASVAB_TYPEA_PARAGRAPH_COMPREHEND
+ ASVAB_TYPEA_VERBAL_ANALOGY
+ ASVAB_TYPEA_WORD_KNOWLEDGE

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- + ASVAB_TYPEB_ARITHMETIC_REASONING
- + ASVAB_TYPEB_ATTENTION_TO_DETAIL
- + ASVAB_TYPEB_AUTO_INFORMATION
- + ASVAB_TYPEB_ELECTRONIC_INFO
- + ASVAB_TYPEB_GENERAL_INFORMATION
- + ASVAB_TYPEB_GENERAL_SCIENCE
- + ASVAB_TYPEB_MATHEMATIC_KNOWLEDGE
- + ASVAB_TYPEB_MECHANICAL_COMPREHEN
- + ASVAB_TYPEB_NUMERICAL_OPERATIONS
- + ASVAB_TYPEB_SHOP_INFORMATION
- + ASVAB_TYPEB_SPACE_PERCEPTION
- + ASVAB_TYPEB_WORD_KNOWLEDGE

COURSE -

- DATE COURSE COMPLETED
- + UPDATED BY

EDUCATION HISTORY -

- COLLEGE_DEGREE_TYPE
- + COLLEGE_GRADUATION_DATE
- + COLLEGE_LEVEL_ENTRANCE_EXAM_DATE
- + COLLEGE_LEVEL_ENTRANCE_EXAM_TYPE
- + COLLEGE_MAJOR
- + COLLEGE_MINOR
- + COLLEGE_NAME
- + COLLEGE_NUMBER
- + COLLEGE_STATE
- + GED_DATE_PASSED
- + GED_STATE_ISSUING_CERTIFICATE
- + HIGH_SCHOOL_ADDRESS
- + HIGH_SCHOOL_GRADUATION_DATE
- + HIGH_SCHOOL_NAME
- + OFFICER_ACADEMIC_PROFILE_CODE
- + PRESENT_EDUCATION_LEVEL

ENLISTED -

- MEMBER_SOCIAL_SECURITY_NUMBER
- + DEPARTMENT/DIVISION_ASSIGNED
- + ENLISTED_RATE
- + ENLISTED_RATING
- + MEMBER_NAME

ENLISTED CLASSIFICATION CODE -

- NAVY_CLASSIFICATION_DATE
- + NAVY_CLASSIFICATION_CODE
- + NAVY_CLASSIFICATION_TYPE

MEMBER -

- MEMBER_SOCIAL_SECURITY_NUMBER
- + DEPARTMENT/DIVISION_ASSIGNED
- + ENLISTED_EFFECTIVE_RATE_DATE
- + ENLISTED_RATING

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- + MEMBER_NAME
- + MEMBER_RANK/RATE
- + OFFICER_DATE_OF_RANK

MIL LEADERSHIP EXAM -

- MIL_LEAD_EXAM_DATE
- + MIL_LEAD_EXAM_PAYGRADE
- + MIL_LEAD_EXAM_PLACE
- + MIL_LEAD_EXAM_SCORE
- + MIL_LEAD_EXAM_TIME

NAVY SCHOOL -

- NAVY_SCHOOL_TITLE
- + EARNED_NAVY_ENLISTED_CODE
- + NAVY_SCHOOL_CLASS_SIZE
- + NAVY_SCHOOL_CLASS_STANDING
- + NAVY_SCHOOL_DATE_ENROLLED
- + NAVY_SCHOOL_DROPPED
- + NAVY_SCHOOL_FINAL_MARK
- + NAVY_SCHOOL_GRADUATED
- + NAVY_SCHOOL_LENGTH
- + NAVY_SCHOOL_LOCATION
- + NAVY_SCHOOL_REASON_DROPPED
- + NAVY_SCHOOL_TYPE

OFF DUTY EDUCATION -

- COURSE_NUMBER
- + DATE_COMPLETED
- + COURSE_GRADE
- + COURSE_NAME
- + COURSE_UPDATED_BY
- + SCHOOL_NAME

OTHER COURSE -

- OTHER_COURSE_NAME
- + OTHER_COURSE_DURATION
- + OTHER_COURSE_LOCATION
- + OTHER_COURSE_TYPE

PERFORMANCE TEST -

- PERFORMANCE_TEST_DATE
- + PERFORMANCE_TEST_DESCRIPTION
- + PERFORMANCE_TEST_SCORE

PERSONNEL ADVANCEMENT REQMTS -

- PARS_DATE_COMPLETED
- + PARS_DESCRIPTION

SPECIAL STUDY -

- SPECIAL_STUDY_AREA
- + SPECIAL_STUDY_COLLEGE_CREDITS
- + SPECIAL_STUDY_HIGH_SCHOOL_YEARS

TRAINING COURSE -

- TRAINING_COURSE_NAVPERS_NUMBER
- + TRAINING_COURSE_DESCRIPTION

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ATTRIBUTE REPORT FOR ESO - VERSION 2.11

Attribute Name	Alias	Format	Key	Object & Type
ADVANCEMENT_DATE SC: Date member was advanced in rate (or reduced in rate)	ADV DATE	D	Y	ADVANCEM W
ADV_EXAM_ACTIVITY_UNIT_ID_CODE SC: Unit Identification Code of activity where advancement exam was taken	ADV EXAM AC	C,5	N	ADV EXAM W
ADV_EXAM_CYCLE SC: Cycle of advancement exam	ADV EXAM CY	C,8	N	ADV EXAM W
ADV_EXAM_DATE SC: Date advancement exam was taken	ADV EXAM DA	D	Y	ADV EXAM W
ADV_EXAM_DATE_DESTROYED SC: Date advancement exam was destroyed	ADV EXAM DA	D	N	ADV EXAM W
ADV_EXAM_DATE_TRANSFERRED SC: Date advancement exam was transferred to another command	ADV EXAM DA	D	N	ADV EXAM W
ADV_EXAM_FINAL_MULTIPLE SC: Final score of advancement exam	ADV EXAM SC	N,5,2	N	ADV EXAM W
ADV_EXAM_MINIMUM_MULTIPLE_REQ SC: Minimum multiple required in order to be advanced from this exam	ADV EXAM MI	N,5,2	N	ADV EXAM W
ADV_EXAM_RATE SC: Rate of advancement exam taken	ADV EXAM RA	C,5	N	ADV EXAM W
ADV_EXAM_RATING SC: Rating of advancement exam	ADV EXAM RA	C,5	N	ADV EXAM W
ADV_EXAM_RECOMMENDATION SC: Indicates if a member is recommended to take the advancement exam	ADV EXAM RE	L	N	ADV EXAM W
ADV_EXAM_SECTION_NUMBER SC: Section number of exam for score (there are 12 sections in an exam)	ADV EXAM SE	N,2	N	ADV EXAM W
ADV_EXAM_SECTION_STANDING_CODE SC: Standing code to indicate how well member did in each section (12 sec)	ADV EXAM SE	C,2	N	ADV EXAM W

Long Comment :

The following codes are valid for Section Standing Codes:

S - Superior (upper 10%)
E - Excellent (upper 20%)
H - High (upper 30%)
HA - High Average (upper 40%)
A - Average (middle)

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LA = Low Average (lower 40%)
L = Low (lower 30%)
P = Poor (lower 20%)
VP = Very Poor (lower 10%)

ADV_EXAM_SERIAL_NUMBER	ADV_EXAM_SE	N,10	N	ADV_EXAM_W
SC: Serial number of advancement exam				
ADV_EXAM_SERIES	ADV_EXAM_SE	N,7	N	ADV_EXAM_W
SC: Series number of advancement exam				
ADV_EXAM_STANDARD_SCORE	ADV_EXAM_SS	N,2	N	ADV_EXAM_W
SC: Standardized Score of advancement exam				
ADV_EXAM_UIC_TRANSFERRED_TO	ADV_EXAM_TR	C,5	N	ADV_EXAM_W
SC: Unit identification code of command exam was transferred to				
ARMED_FORCES_QUAL_TEST_SCORE	AFQT_SCORE	N,3	N	ASVAB_EX_W
SC: Member's score on the Armed Forces Qualifying Test				
ASVAB_ADMINISTERING_ACTIVITY	ASVAB_ADMIN	C,30	N	ASVAB_EX_W
SC: Activity where member was administered the ASVAB				
ASVAB_ADMINISTERING_LOCATION	ASVAB_LOC	C,30	N	ASVAB_EX_W
SC: City and State code where member was administered the ASVAB				
ASVAB_DATE_TAKEN	ASVAB_DATE	D	N	ASVAB_EX_W
SC: Date member took ASVAB				
ASVAB_FORM_NUMBER	ASVAB_FORM	C,3	N	ASVAB_EX_W
SC: Form identification number of ASVAB exam				
ASVAB_PREPARING_ACTIVITY	ASVAB_PREP	C,25	N	ASVAB_EX_W
SC: Name of activity preparing ASVAB score sheet				
ASVAB_PREPARING_ACTIVITY_CITY	ASVAB_PREP	C,25	N	ASVAB_EX_W
SC: City of activity preparing the ASVAB score sheet				
ASVAB_PREPARING_ACTIVITY_CODE	ASVAB_PREP	C,4	N	ASVAB_EX_W
SC: 4 character code from preparing activity				
ASVAB_PREPARING_ACTIVITY_STATE	ASVAB_PREP	C,2	N	ASVAB_EX_W
SC: State code of activity preparing ASVAB score sheet				
ASVAB_SCORE_DATE_PREPARED	ASVAB_SCORE	D	N	ASVAB_EX_W
SC: Date ASVAB score sheet was prepared				
ASVAB_TEST_NUMBER	ASVAB_TEST	C,2	N	ASVAB_EX_W
SC: Number of ASVAB test being taken				
ASVAB_TYPEA_ARITHMETIC_REASONING	ASVAB_TYPE	N,3	N	ASVAB_EX_W
SC: Arithmetic Reasoning score for type A ASVAB				

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ASVAB TYPEA AUTOMATIVE SHOP	ASVAB TYPEA	N,3	N	ASVAB EX	W
SC: Automative Shop score for type A ASVAB					
ASVAB TYPEA CODING SPEED	ASVAB TYPEA	N,3	N	ASVAB EX	W
SC: Coding Speed score for type A ASVAB					
ASVAB TYPEA ELECTRONIC INFO	ASVAB TYPEA	N,3	N	ASVAB EX	W
SC: Electronic Information score for type A ASVAB					
ASVAB TYPEA GENERAL SCIENCE	ASVAB TYPEA	N,3	N	ASVAB EX	W
SC: General Science score for the type A ASVAB					
ASVAB TYPEA MATHEMATIC KNOWLEDGE	ASVAB TYPEA	N,3	N	ASVAB EX	W
SC: Mathematical Knowledge score for type A ASVAB					
ASVAB TYPEA MECHANICAL COMPREHEN	ASVAB TYPEA	N,3	N	ASVAB EX	W
SC: Mechanical Comprehension score for type A ASVAB					
ASVAB TYPEA NUMERICAL OPERATIONS	ASVAB TYPEA	N,3	N	ASVAB EX	W
SC: Numerical Operations score for type A ASVAB					
ASVAB TYPEA PARAGRAPH COMPREHEND	ASVAB TYPEA	N,3	N	ASVAB EX	W
SC: Paragraph Comprehension score from type A ASVAB					
ASVAB TYPEA VERBAL ANALOGY	ASVAB TYPEA	N,3	N	ASVAB EX	W
SC: Verbal Analogy score for type A ASVAB					
ASVAB TYPEA WORD KNOWLEDGE	ASVAB TYPEA	N,3	N	ASVAB EX	W
SC: Word knowledge score for type A ASVAB					
ASVAB TYPEB ARITHMETIC REASONING	ASVAB TYPEB	N,3	N	ASVAB EX	W
SC: Arithmetic Reasoning score for type B ASVAB					
ASVAB TYPEB ATTENTION TO DETAIL	ASVAB TYPEB	N,3	N	ASVAB EX	W
SC: Attention to detail score for Type B ASVAB					
ASVAB TYPEB AUTO INFORMATION	ASVAB TYPEB	N,3	N	ASVAB EX	W
SC: Automotive Information score for Type B ASVAB					
ASVAB TYPEB ELECTRONIC INFO	ASVAB TYPEB	N,3	N	ASVAB EX	W
SC: Electronic Information score for type B ASVAB					
ASVAB TYPEB GENERAL INFORMATION	ASVAB TYPEB	N,3	N	ASVAB EX	W
SC: General Information score for Type B ASVAB					
ASVAB TYPEB GENERAL SCIENCE	ASVAB TYPEB	N,3	N	ASVAB EX	W
SC: General Science score for type B ASVAB					
ASVAB TYPEB MATHEMATIC KNOWLEDGE	ASVAB TYPEB	N,3	N	ASVAB EX	W
SC: Mathematical Knowledge score for type B ASVAB					

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ASVAB TYPEB MECHANICAL COMPREHEN	ASVAB TYPEB	N,3	N	ASVAB EX	W
SC: Mechanical Comprehension score for type B ASVAB					
ASVAB TYPEB NUMERICAL OPERATIONS	ASVAB TYPEB	N,3	N	ASVAB EX	W
SC: Numerical Operations score for type B ASVAB					
ASVAB TYPEB SHOP INFORMATION	ASVAB TYPEB	N,3	N	ASVAB EX	W
SC: Shop Information score for Type B ASVAB					
ASVAB TYPEB SPACE PERCEPTION	ASVAB TYPEB	N,3	N	ASVAB EX	W
SC: Space Perception score for Type B ASVAB					
ASVAB TYPEB WORD KNOWLEDGE	ASVAB TYPEB	N,3	N	ASVAB EX	W
SC: Word Knowledge score for type B ASVAB					
COLLEGE DEGREE TYPE	COLL DEGREE	C,25	N	EDUCATIO	W
SC: Type of college degree (i.e. Bachelor of Science)					
COLLEGE GRADUATION DATE	COLLEGE GRA	D	N	EDUCATIO	W
SC: Date of college graduation					
COLLEGE LEVEL ENTRANCE EXAM DATE	COLLEGE EXA	D	N	EDUCATIO	W
SC: Date any general college level entrance exam was taken and passed					
COLLEGE LEVEL ENTRANCE EXAM TYPE	COLLEGE EXA	C,10	N	EDUCATIO	W
SC: Type of general college level entrance exam taken (i.e. SAT, ACT)					
COLLEGE MAJOR	COLL MAJOR	C,25	N	EDUCATIO	W
SC: Field of majority studies					
COLLEGE MINOR	COLL MINOR	C,25	N	EDUCATIO	W
SC: Field of minor studies					
COLLEGE NAME	COLLEGE	C,25	N	EDUCATIO	W
SC: Name of college attended					
COLLEGE NUMBER	COLL NUMBER	N,2	N	EDUCATIO	W
SC: Number of colleges attended					
COLLEGE STATE	COLLEGE STA	C,2	N	EDUCATIO	W
SC: State code of college					
COURSE GRADE	GRADE	C,3	N	OFF DUTY	W
SC: Final grade in course					
COURSE NAME	C NAME	C,25	N	OFF DUTY	W
SC: Name of course					
COURSE NUMBER	COURSE NUM	C,15	Y	OFF DUTY	W
SC: Official number of course					

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COURSE UPDATED BY	C UPDATE BY	C,3	N	OFF DUTY	W
SC: Identification code of person who last updated course history					
DATE COURSE COMPLETED	DATE COM	D	Y	COURSE	W
SC: Date course was completed					
DATE COMPLETED	DATE	D	Y	OFF DUTY	W
SC: Date course was completed					
DEPARTMENT/DIVISION ASSIGNED	DEPT DIV AS	C,30	N	ENLISTED	E
SC: Name of department and division to which member is assigned					
DEPARTMENT/DIVISION ASSIGNED	DEPT DIV AS	C,30	N	MEMBER	E
SC: Name of department and division to which member is assigned					
EARNED NAVY ENLISTED CODE	EARNED NEC	C,5	N	NAVY SCH	W
SC: Enlisted Classification Code earned at the school					
ENLISTED EFFECTIVE RATE DATE	ENLISTED EF	D	N	MEMBER	E
SC: Effective date of rate of enlisted member					
ENLISTED RATE	ENLISTED RA	C,5	N	ENLISTED	E
SC: Rate of enlisted member					
ENLISTED RATING	ENLISTED RA	C,25	N	ENLISTED	E
SC: Rating of enlisted member					
ENLISTED RATING	ENLISTED RA	C,25	N	MEMBER	E
SC: Rating of member if he is enlisted					
GED DATE PASSED	GED DATE	D	N	EDUCATIO	W
SC: Date GED was passed if taken in lieu of high school degree					
GED STATE ISSUING CERTIFICATE	GED STATE	C,2	N	EDUCATIO	W
SC: State code for state that issued the GED certificate					
HIGH SCHOOL ADDRESS	HS ADDRESS	C,25	N	EDUCATIO	W
SC: City and State of high school					
HIGH SCHOOL GRADUATION DATE	HS GRAD DAT	D	N	EDUCATIO	W
SC: Date of graduation from high school					
HIGH SCHOOL NAME	HS NAME	C,30	N	EDUCATIO	W
SC: Name of high school attended					
MEMBER NAME	MEMBER NAME	C,45	N	ENLISTED	E
SC: Full name of member					
MEMBER NAME	MEMBER NAME	C,45	N	MEMBER	E
SC: Full name of member					

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MEMBER_RANK/RATE	MEMBER RANK	C,15	N	MEMBER	E
SC: Rank or rate of member (depending on if he is officer or enlisted)					
MEMBER_SOCIAL_SECURITY_NUMBER	SSN	C,11	Y	ENLISTED	E
SC: Social security number of member					
MEMBER_SOCIAL_SECURITY_NUMBER	SSN	C,11	Y	MEMBER	E
SC: Social security number of member					
MIL_LEAD_EXAM_DATE	MIL LEAD DA	D	Y	MIL LEAD	W
SC: Date military leadership exam was taken					
MIL_LEAD_EXAM_PAYGRADE	MIL LEAD PA	C,3	Y	MIL LEAD	W
SC: Paygrade for current military leadership exam					
MIL_LEAD_EXAM_PLACE	MIL LEAD PL	C,25	N	MIL LEAD	W
SC: Place military leadership exam was taken					
MIL_LEAD_EXAM_SCORE	MIL LEAD SC	N,3	N	MIL LEAD	W
SC: Final score on military leadership exam					
MIL_LEAD_EXAM_TIME	MIL LEAD TI	T	N	MIL LEAD	W
SC: Time military leadership exam was taken					
NAVY_CLASSIFICATION_CODE	NEC CODE	C,4	N	NEC	W
SC: 4 character code of member's Navy Enlisted Classification					
NAVY_CLASSIFICATION_DATE	NEC DATE	D	Y	NEC	W
SC: Date member obtained Navy Enlisted Classification Code					
NAVY_CLASSIFICATION_TYPE	NEC TYPE	C,4	N	NEC	W
SC: Indicates the type of classification code (prim, sec, addl)					
NAVY_SCHOOL_CLASS_SIZE	NAV SCH SIZ	C,4	N	NAVY SCH	W
SC: Size of class (for ranking purposes)					
NAVY_SCHOOL_CLASS_STANDING	NAV SCH STA	C,3	N	NAVY SCH	W
SC: Class ranking of member					
NAVY_SCHOOL_DATE_ENROLLED	N SCHOOL DA	D	N	NAVY SCH	W
SC: Date member was enrolled in course					
NAVY_SCHOOL_DROPPED	NAV SCH DRO	L	N	NAVY SCH	W
SC: Boolean field indicating if school was dropped					
NAVY_SCHOOL_FINAL_MARK	NAV SCH MAR	C,3	N	NAVY SCH	W
SC: Final grade in school					
NAVY_SCHOOL_GRADUATED	NAV SCH GRA	L	N	NAVY SCH	W
SC: Boolean field indicating whether or not member graduated from school					
NAVY_SCHOOL_LENGTH	N SCHOOL LE	C,10	N	NAVY SCH	W
SC: Length of school in weeks or days					

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NAVY SCHOOL LOCATION	N SCH LOC	C,25	N	NAVY SCH	W
SC: Location of Navy school					
NAVY SCHOOL REASON DROPPED	NAV SCH DRP	C,15	N	NAVY SCH	W
SC: Reason member dropped (or was dropped from) school					
NAVY SCHOOL TITLE	N SCHOOL TI	C,25	Y	NAVY SCH	W
SC: Title of Navy school					
NAVY SCHOOL TYPE	N SCH TYPE	C,1	N	NAVY SCH	W
SC: Type of school (R,A,C,F,P,V,E)					
OFFICER ACADEMIC PROFILE CODE	OFFICER APC	C,3	N	EDUCATIO	W
SC: Academic profile code of an officer's math, physics and grades					
OFFICER DATE OF RANK	OFFICER DAT	D	N	MEMBER	E
SC: Date officer was promoted to current rank					
OTHER COURSE DURATION	OTH CRS DUR	C,15	N	OTHER CO	W
SC: Duration of other courses in days or weeks					
OTHER COURSE LOCATION	OTH CRS LOC	C,25	N	OTHER CO	W
SC: Location of other course					
OTHER COURSE NAME	OTH CRS NAM	C,25	Y	OTHER CO	W
SC: Name of courses other than navy or training courses					
OTHER COURSE TYPE	OTH CRS TYP	C,10	N	OTHER CO	W
SC: Type of course taken					
PARS DATE COMPLETED	PARS DATE	D	Y	PARS	W
SC: Date personnel advancement requirements were completed					
PARS DESCRIPTION	PARS DESC	C,25	Y	PARS	W
SC: Description of personnel advancement requirements completed					
PERFORMANCE TEST DATE	PERF TEST D	D	Y	PERFORMA	W
SC: Date performance test was taken and passed					
PERFORMANCE TEST DESCRIPTION	PERF TEST D	C,25	N	PERFORMA	W
SC: Description of performance test taken					
PERFORMANCE TEST SCORE	PERF TEST S	C,8	N	PERFORMA	W
SC: Score achieved on performance test					
PRESENT EDUCATION LEVEL	ED LEVEL	C,2	N	EDUCATIO	W
SC: Level of present education (i.e. 12-17+)					
RATE ADVANCED	ADV RATE	C,5	N	ADVANCEM	W
SC: Rate member was advanced to or reduced to					

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SCHOOL_NAME	S NAME	C,25	N	OFF DUTY	W
SC: Name of school where course was taken					
SPECIAL_STUDY_AREA	SPEC STUDY	C,12	Y	SPECIAL	W
SC: Area of study of special interest (Algebra, Geometry, Trig, & Physics)					
SPECIAL_STUDY_COLLEGE_CREDITS	SPEC STUDY	C,12	N	SPECIAL	W
SC: Number of college credits member has in this area (quarters or sems)					
SPECIAL_STUDY_HIGH_SCHOOL_YEARS	SPEC STUDY	N,F	N	SPECIAL	W
SC: Number of years member has studied in this area					
TIME_IN_RATE_COMPUTED_FROM_DATE	TIR CPTD FR	D	N	ADVANCEM	W
SC: Date member's TIR is computed from for advancement					
TIME_IN_RATE_EFFECTIVE_DATE	TIR EFF DAT	D	N	ADVANCEM	W
SC: Effective date of advancement for computing time in rate					
TIME_IN_RATE_ELIG_INDICATOR	TIR ELIG IN	L	N	ADVANCEM	W
SC: Field to indicate if member is eligible for TIR computations					
TIME_IN_RATE_UPDATED_BY	TIR UPTD BY	C,3	N	ADVANCEM	W
SC: Identification code of person updating member's advancement and TIR					
TRAINING_COURSE_DESCRIPTION	TR CRS DESC	C,25	N	TRAIN C	W
SC: Description of training course					
TRAINING_COURSE_NAVPERS_NUMBER	NAV PERS COU	C,8	Y	TRAIN C	W
SC: Naval personnel training course number					
UPDATED BY	UP BY	C,3	N	COURSE	W
SC: Identification code of person updating file					

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RULE REPORT
Author: Teresa Briede

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RULE REPORT FOR ESO - VERSION 2.11

Rules for EDUCATION HISTORY

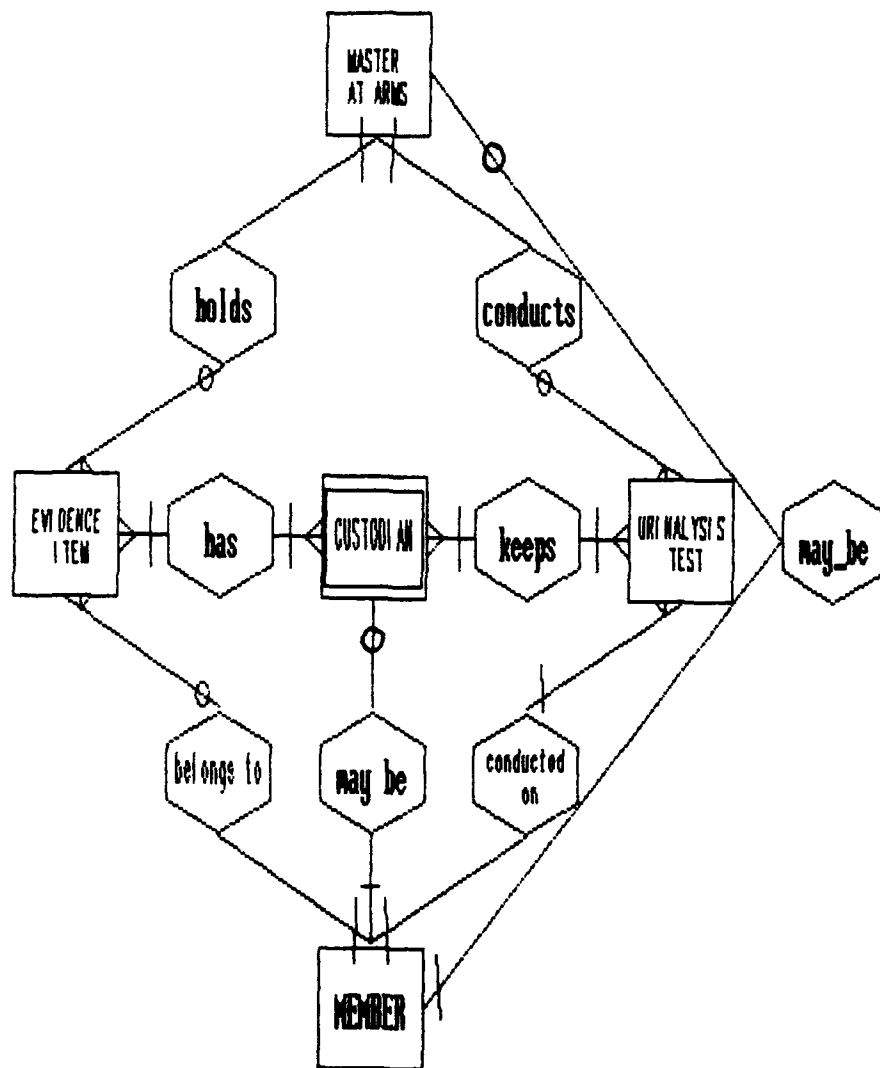
IF COLLEGE_NUMBER
> 1

THEN REPEAT COLLEGE ATTRIBUTES

APPENDIX H

MASTER AT ARMS ENTITY RELATIONSHIP DIAGRAM

This appendix contains the entity relationship diagrams for the MASTER AT ARMS function as discussed in Chapter IV.



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STRUCTURE REPORT
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STRUCTURE REPORT FOR MAA - VERSION 2.11

CUSTODIAN -

- CUSTODIAN_FROM_DATE
- + CUSTODIAN_NAME
- + CUSTODIAN_ACTIVITY
- + CUSTODIAN_CHANGE_PURPOSE
- + CUSTODIAN_GRADE
- + CUSTODIAN_SIGNATURE
- + CUSTODIAN_TITLE
- + CUSTODIAN_TO_DATE

EVIDENCE ITEM -

- EVIDENCE_ITEM_NUMBER
- + EVIDENCE_DATE
- + EVIDENCE_ITEM_DESCRIPTION
- + EVIDENCE_REMARKS
- + EVIDENCE_SOURCE
- + EVIDENCE_TIME

MASTER AT ARMS -

- MAA_COMMENTS
- + MAA_NAME
- + MAA_PHONE
- + MAA_SAFE_LOCATION

MEMBER -

- MEMBER_SOCIAL_SECURITY_NUMBER
- + DEPARTMENT/DIVISION_ASSIGNED
- + MAA_MEMBER_COMMENTS
- + MEMBER_NAME
- + MEMBER_RANK/RATE

URINALYSIS TEST -

- URINALYSIS_BATCH_NUMBER
- + URINALYSIS_DATE_TAKEN
- + URINALYSIS_SPECIMEN_NUMBER
- + URINALYSIS_DRUG_LAB_NAME
- + URINALYSIS_MEMBER_BOTTLE_INITIAL
- + URINALYSIS_MEMBER_SIGNATURE
- + URINALYSIS_OBSERVER_NAME
- + URINALYSIS_OBSERVER_SIGNATURE
- + URINALYSIS_REMARKS
- + URINALYSIS_RESULTS
- + URINALYSIS_TEST_TYPE
- + URINALYSIS_TIME
- + URIN_SHIP_CONTAINER_CONDITION

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ATTRIBUTE REPORT FOR MAA - VERSION 2.11

Attribute Name	Alias	Format	Key	Object & Type
CUSTODIAN ACTIVITY SC: Activity to which custodian belongs	CUST ACTIVI	C,45	N	CUSTODIA W
CUSTODIAN CHANGE PURPOSE SC: Reason or purpose item changed custodians	CUSTODIAN C	C,25	N	CUSTODIA W
CUSTODIAN FROM DATE SC: Date custodian took over custody of item	CUST FM DAT	D	Y	CUSTODIA W
CUSTODIAN GRADE SC: Grade or rank of custodian	CUST GRADE	C,5	N	CUSTODIA W
CUSTODIAN NAME SC: Full name of custodian	CUST NAME	C,45	Y	CUSTODIA W
CUSTODIAN SIGNATURE SC: Indicates if custodian signed custody sheet	CUST SIGN	L	N	CUSTODIA W
CUSTODIAN TITLE SC: Title of custodian	CUST TITLE	C,45	N	CUSTODIA W
CUSTODIAN TO DATE SC: Date custodian released item from his custody	CUST TO DAT	D	N	CUSTODIA W
DEPARTMENT/DIVISION ASSIGNED SC: Names of department and division to which member is assigned	DEPT DIV AS	C,30	N	MEMBER E
EVIDENCE DATE SC: Date evidence was turned in	EVID DATE	D	N	EVIDENCE E
EVIDENCE ITEM DESCRIPTION SC: Description of evidence item	EVID ITEM D	C,45	N	EVIDENCE E
EVIDENCE ITEM NUMBER SC: Item number assigned to evidence item	EVID ITEM N	C,5	Y	EVIDENCE E
EVIDENCE REMARKS SC: Remarks or special comments about evidence	EVID RMKS	M	N	EVIDENCE E
EVIDENCE SOURCE SC: Source from where evidence came	EVID SOURCE	C,45	N	EVIDENCE E
EVIDENCE TIME SC: Time evidence was turned in	EVID TIME	T	N	EVIDENCE E
MAA COMMENTS SC: Comments about master at arms job	MAA COMMENT	M	N	MAA E

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ATTRIBUTE REPORT
Author: Teresa Briede

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MAA_MEMBER_COMMENTS	MAA_MEMBER	M	N	MEMBER	E
SC: Comments from master at arms about member					
MAA_NAME	MAA_NAME	C,45	N	MAA	E
SC: Name of person assigned as the master at arms					
MAA_PHONE	MAA_PHONE	C,8	N	MAA	E
SC: Phone number of master at arms					
MAA_SAFE_LOCATION	MAA_SAFE_LO	C,30	N	MAA	E
SC: Space where MAA's safe is located					
MEMBER_NAME	MEMBER_NAME	C,45	N	MEMBER	E
SC: Full name of member					
MEMBER_RANK/RATE	MEMBER_RANK	C,15	N	MEMBER	E
SC: Rank or rate of member (depending on if he is an officer or enlisted)					
MEMBER_SOCIAL_SECURITY_NUMBER	SSN	C,11	Y	MEMBER	E
SC: Social security number of member					
URINALYSIS_BATCH_NUMBER	URIN_BATCH	C,5	Y	URINALYS	E
SC: Batch number of urinalysis					
URINALYSIS_DATE_TAKEN	URIN_DATE	D	Y	URINALYS	E
SC: Date urinalysis was taken					
URINALYSIS_DRUG_LAB_NAME	URIN_DRUG_L	C,45	N	URINALYS	E
SC: Name of drug lab to which test was sent for testing					
URINALYSIS_MEMBER_BOTTLE_INITIAL	URIN_MBR_BO	L	N	URINALYS	E
SC: Indicates that member initialed bottle that it was his urine					
URINALYSIS_MEMBER_SIGNATURE	URIN_MBR_SI	L	N	URINALYS	E
SC: Indicates that member signed log for urinalysis					
URINALYSIS_OBSERVER_NAME	URIN_OBSERV	C,45	N	URINALYS	E
SC: Name of observer of urinalysis test					
URINALYSIS_OBSERVER_SIGNATURE	URIN_OBSERV	L	N	URINALYS	E
SC: Indicates that observer signed log book for urinalysis test					
URINALYSIS_REMARKS	URIN_RMKS	M	N	URINALYS	E
SC: Remarks about urinalysis (i.e. medications taken)					
URINALYSIS_RESULTS	URIN_RESULT	M	N	URINALYS	E
SC: Results from lab on urinalysis test					
URINALYSIS_SPECIMEN_NUMBER	URIN_SPECIM	C,5	Y	URINALYS	E
SC: Sample number of urinalysis					

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URINALYSIS TEST TYPE URIN TEST T C,20 N URINALYS E
SC: Type of urinalysis given (random sample, command directed, etc)

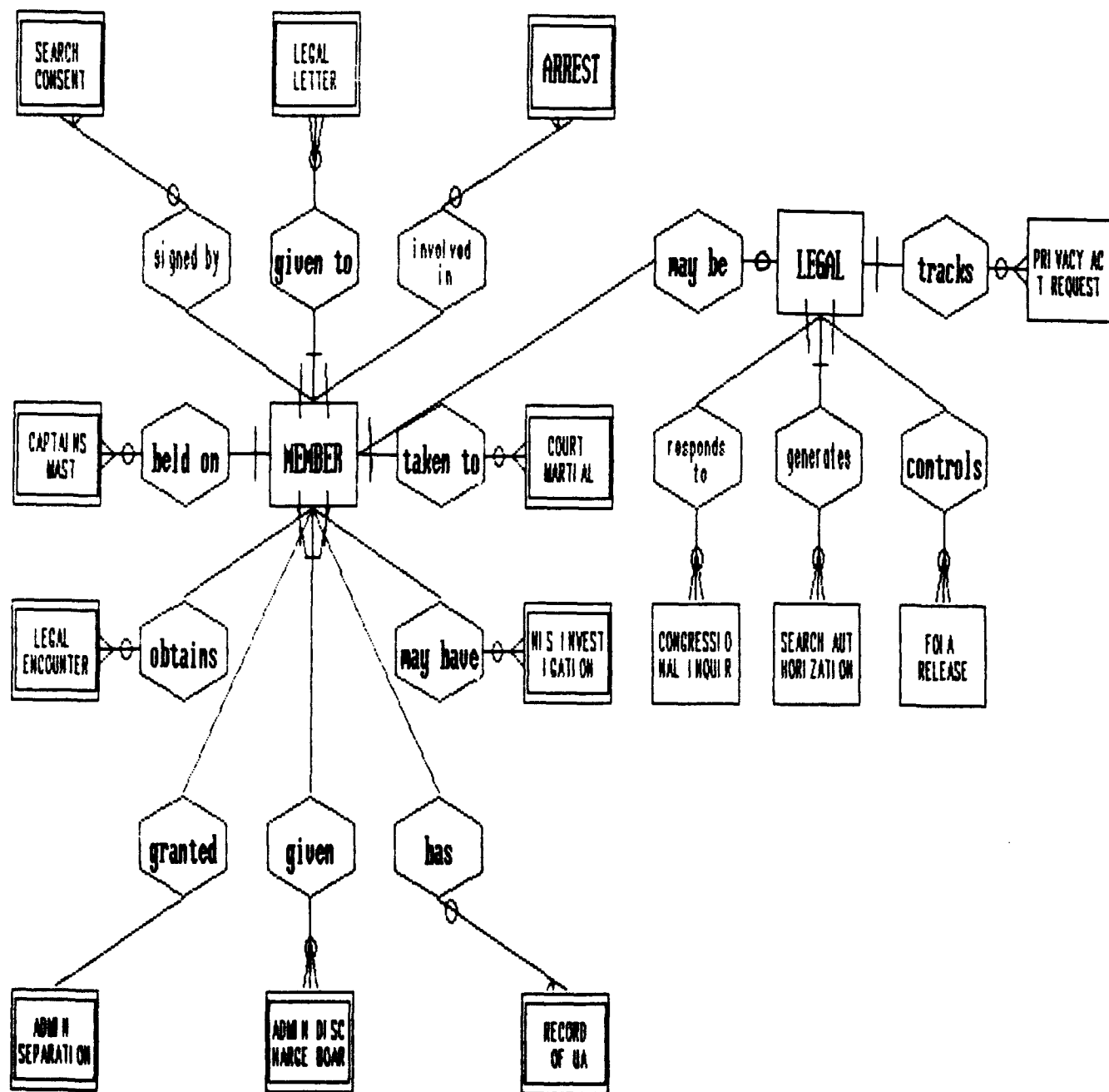
URINALYSIS TIME URIN TIME T N URINALYS E
SC: Time urinalysis was taken

URIN SHIP_CONTAINER CONDITION URIN SHIP C C,25 N URINALYS E
SC: Condition of shipping container after it reached lab

APPENDIX I

LEGAL ENTITY RELATIONSHIP DIAGRAM

This appendix contains the entity relationship diagrams for the
LEGAL function as discussed in Chapter IV.



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STRUCTURE REPORT
Author: Teresa Briede

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STRUCTURE REPORT FOR LEGAL - VERSION 2.11

ADMIN DISCHARGE BOARD -

- BOARD DATE
- + BOARD_AWARENESS_STATEMENT_DATE
- + BOARD_DATE_RECORD_COMPLETED
- + BOARD_DEFENSE_COUNSEL_NAME
- + BOARD_DISCHARGE_APPROVED_DATE
- + BOARD_DISCHARGE_AUTHORIZED_DTG
- + BOARD_DISCHARGE_DATE
- + BOARD_NOTIFICATION_DATE
- + BOARD_RECORDER_NAME
- + BOARD_RECORDER_PHONE
- + BOARD_REQUESTED
- + BOARD_SENT_TO_NMPC_DATE

ADMIN SEPARATION -

- AWARENESS_STATEMENT_DATE
- + SEPARATION_DATE
- + SEPARATION_TYPE
- + TRANSMITTAL_LETTER_DATE

ARREST -

- ARREST DATE
- + ARREST_OFFENSE
- + ARRESTING_AGENCY
- + ARRESTING_AGENCY_CITY
- + ARRESTING_AGENCY_STATE
- + ARREST_COURT_CITY
- + ARREST_COURT_NAME
- + ARREST_COURT_STATE
- + ARREST_DISPOSITION

CAPTAINS MAST -

- MAST_OFFENSE_DATE
- + MAST_ACTION_ADMONITION
- + MAST_ACTION_ARTICLE_32_INVEST
- + MAST_ACTION_CONFINED_BREAD_DAYS
- + MAST_ACTION_CONFINED_BREAD_WATER
- + MAST_ACTION_CORRECTIONAL_CUSTODY
- + MAST_ACTION_CORRECT_CUSTODY_DAYS
- + MAST_ACTION_COURT_MARTIAL
- + MAST_ACTION_DETAINED_MONTHS
- + MAST_ACTION_DETENTION
- + MAST_ACTION_DETENTION_AMOUNT
- + MAST_ACTION_DETENTION_MONTHS
- + MAST_ACTION_EXTRA_DUTIES
- + MAST_ACTION_EXTRA_DUTIES_DAYS
- + MAST_ACTION_FORFEITURE
- + MAST_ACTION_FORFEITURE_AMOUNT
- + MAST_ACTION_FORFEITURE_MONTHS

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STRUCTURE REPORT
Author: Teresa Briede

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- + MAST_ACTION_PUNISHMENT_SUSPENDED
- + MAST_ACTION_RATE_REDUCTION
- + MAST_ACTION_RATE_REDUCTION_RATE
- + MAST_ACTION_REPRIMAND
- + MAST_ACTION_RESTRICTED_DAYS
- + MAST_ACTION_RESTRICTED_TO
- + MAST_ACTION_RESTRICTION
- + MAST_ACTION_RESTRICTION_NO_DUTY
- + MAST_ACTION_SUSPENDED_MONTHS
- + MAST_APPEAL_DATE
- + MAST_APPEAL_FINAL_RESULT
- + MAST_APPEAL_FORWARDED_DATE
- + MAST_APPEAL_RIGHTS_WITNESS_NAME
- + MAST_AWARDED_COURT_MARTIAL
- + MAST_CHARGES_DISMISSED
- + MAST_COMMANDING_OFFICER_ACTION
- + MAST_COMMANDING_OFFICER_SIGN
- + MAST_DATE
- + MAST_DIVISION_OFFICER_REMARKS
- + MAST_EXECUTIVE_OFFICER_SIGNATURE
- + MAST_INVESTIGATING_OFFICER_RMKS
- + MAST_INVESTIGATING_OFFICER_SIGN
- + MAST_INVESTIGATION_OFFICER
- + MAST_INVESTIGATION_OFFICER_DATE
- + MAST_INVESTIGATION_OFFICER_RANK
- + MAST_MEMBER_APPEAL_RIGHTS
- + MAST_MEMBER_APPEAL_RIGHTS_DATE
- + MAST_MEMBER_CHARGES_ACKNOWLEDGED
- + MAST_MEMBER_CM_RIGHT_WITNESS
- + MAST_MEMBER_COURT_MARTIAL_RIGHT
- + MAST_MEMBER_CURRENT_RANK
- + MAST_MEMBER_INFORMED_ACTION_DATE
- + MAST_MEMBER_RIGHTS_ADVISED
- + MAST_MEMBER_RIGHTS_WAIVED
- + MAST_MEMBER_RIGHTS_WITNESS_NAME
- + MAST_MEMBER_STATEMENT
- + MAST_OFFENSE_DETAILS
- + MAST_OFFENSE_PLACE
- + MAST_OFFENSE_REPORT_DATE
- + MAST_PREMAST_RESTRAINT
- + MAST_PREMAST_RESTRAINT_OFFICER
- + MAST_PREMAST_RESTRAINT_OFF_TITLE
- + MAST_REPORTING_MEMBER
- + MAST_REPORTING_MEMBER_TITLE
- + MAST_UNIT
- + MAST_WITNESS_DIVISION
- + MAST_WITNESS_NAME
- + MAST_WITNESS_RANK
- + MAST_WITNESS_STATEMENT

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CONGRESSIONAL INQUIRY -

INQUIRY_DATE
+ INQUIRY_COMPLAINT_NATURE
+ INQUIRY_INDIVIDUAL_NAME
+ INQUIRY_PRIVACY_ACT_RELEASE
+ INQUIRY_RESPONSE
+ INQUIRY_RESPONSE_DATE

COURT MARTIAL -

COURT MARTIAL CONVENING DATE
+ CM_ACCOUSED_ABSENT_INVESTIGATION
+ CM_ACCOUSED_DEFER_CONFINE_RIGHT
+ CM_ACCOUSED_INFORMED_CHARGE_DATE
+ CM_ACCOUSED_RIGHTS_INFORMED_DATE
+ CM_ACCOUSED_RIGHTS_INFORM_PLACE
+ CM_ACCOUSED_RIGHTS_SIGNED
+ CM_ACCOUSED_RIGHTS_WAIVED
+ CM_ACCOUSED_RIGHTS_WAIVED_RMKS
+ CM_ACCOUSED_WRITTEN_MATTER_RIGHT
+ CM_ACCOUSER_SIGN_CHARGES_DATE
+ CM_ACCOUSER_SIGN_CHARGE_SHEET
+ CM_ACCOUSER_AFFIDAVIT_DATE
+ CM_ACCUSED_NATURE_PRE_RESTRAINT
+ CM_ACCUSED_PRE_RESTRAINT_TO_DATE
+ CM_ACCUSED_RIGHTS_NOTIFICATION
+ CM_ACC_PRE_RESTRAINT_FROM_DATE
+ CM_ACTION_DATE
+ CM_ASSISTANT_DEFENSE_COUNSEL
+ CM_ASSIST_DEFENSE_COUNSEL_RANK
+ CM_ASSIST_DEFENSE_COUNSEL_UNIT
+ CM_ASSIST_DEF_COUNSEL_UNIT_ADDR
+ CM_AUTHENTICATION_DATE
+ CM_AUTHENTICATION_SIGNATURE
+ CM_CHARGE_SPECIFICATION
+ CM_CHARGE_SPECIFICATION_FINDINGS
+ CM_CHARGE_SPECIFICATION_PLEA
+ CM_CHECKAGE_MONTHLY_AMOUNT
+ CM_CHECKAGE_NUMBER_MONTHS
+ CM_CONFINEMENT_DEFER_END_DATE
+ CM_CONFINEMENT_DIRECTED_TIME
+ CM_CONFINEMENT_FACILITY
+ CM_CONFINEMENT_MEDICALLY_FIT
+ CM_CONFINEMENT_MEDICAL_EXAM_DATE
+ CM_CONFINEMENT_MEDICAL_EXAM_TIME
+ CM_CONFINEMENT_MEDICAL_IRREGULAR
+ CM_CONFINEMENT_MEDICAL_OFFICER
+ CM_CONFINEMENT_MEDICAL_OFF_SIGN
+ CM_CONFINEMENT_ORDER_FROM_DATE
+ CM_CONFINEMENT_ORDER_TO_DATE
+ CM_CONFINEMENT_RECEIPT_DATE
+ CM_CONFINEMENT_RECEIPT_OFFICER
+ CM_CONFINEMENT_RECEIPT_SIGNATURE
+ CM_CONFINEMENT_RECEIPT_TIME
+ CM_CONFINEMENT_REMARKS

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- + CM_CONSENT TO CHECKAGE
- + CM_CONVENING AUTHORITY ACTION
- + CM_CONVENING AUTHORITY NAME
- + CM_CONVENING AUTHORITY POSITION
- + CM_CONVENING AUTHORITY RANK
- + CM_CONVENING AUTHORITY SIGNATURE
- + CM_CONVENING AUTHORITY SIGN DATE
- + CM_DAYS LOST TIME CONFINEMENT
- + CM_DEFENSE COUNSEL NAME
- + CM_DEFENSE COUNSEL RANK
- + CM_DEFENSE COUNSEL UNIT
- + CM_DEFENSE COUNSEL UNIT ADDRESS
- + CM_DETENTION MONTHLY AMOUNT
- + CM_DETENTION NUMBER MONTHS
- + CM_DETENTION REFUND DATE
- + CM_EVIDENCE ACCUSED EXAMINED
- + CM_EVIDENCE DESCRIPTION
- + CM_FORFEITURE MONTHLY AMOUNT
- + CM_FORFEITURE NUMBER MONTHS
- + CM_FORFEITURE OF PAY
- + CM_IMMEDIATE COMMANDER NAME
- + CM_IMMEDIATE COMMANDER RANK
- + CM_IMMEDIATE COMMANDER SIGNATURE
- + CM_IMMEDIATE COMMANDER UNIT
- + CM_INVESTIGATING OFFICER FINDING
- + CM_INVESTIGATING OFFICER NAME
- + CM_INVESTIGATING OFFICER RANK
- + CM_INVESTIGATING OFFICER UNIT
- + CM_INVESTIGATION CHECKLIST
- + CM_INVESTIGATION REPORT DATE
- + CM_INVESTIGATION WITNESS ADDRESS
- + CM_INVESTIGATION WITNESS NAME
- + CM_INVESTIGATION WITNESS RANK
- + CM_INVESTIGATION WITNESS STMT
- + CM_INVESTIGATION WITNESS UNIT
- + CM_JUDICIAL CONFINEMENT CREDITS
- + CM_PRETRIAL AGREEMENT TERMS
- + CM_PRETRIAL CONFINEMENT CREDITS
- + CM_PRETRIAL CONFINEMENT REASON
- + CM_RATE ADJUSTED TO
- + CM_RATE ADJUSTMENT
- + CM_REFERRAL OFFICER CAPACITY
- + CM_REFERRAL SPECIAL INSTRUCTIONS
- + CM_SWORN CHARGES RECEIPT OFF RANK
- + CM_SWORN CHARGES RECEIPT DATE
- + CM_SWORN CHARGES RECEIPT OFFICER
- + CM_SWORN CHARGES RECEIPT TIME
- + CM_SWORN CHARGES RECEIPT UNIT
- + CM_SWORN CHARGE RCPTOFF CAPACITY
- + CM_TRIAL COUNSEL RCPT SIGNATURE
- + CM_TRIAL COUNSEL RECEIPT DATE
- + COURT MARTIAL ACCOUSER NAME

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- + COURT_MARTIAL_ACCOUSER_RANK
- + COURT_MARTIAL_ACCOUSER_UNIT
- + COURT_MARTIAL_ACCUSED_COUNSEL
- + COURT_MARTIAL_ACCUSED_UNIT
- + COURT_MARTIAL_ACC_COUNSEL_NAME
- + COURT_MARTIAL_ACC_COUNSEL_QUALS
- + COURT_MARTIAL_ACC_COUNSEL_RANK
- + COURT_MARTIAL_CHARGE
- + COURT_MARTIAL_CHARGE_FINDING
- + COURT_MARTIAL_CHARGE_PLEA
- + COURT_MARTIAL_CONVENING_AUTH
- + COURT_MARTIAL_CONV_AUTH_POSITION
- + COURT_MARTIAL_CONV_AUTH_RANK
- + COURT_MARTIAL_CONV_AUTH_UNIT
- + COURT_MARTIAL_CURRENT_RANK
- + COURT_MARTIAL_DAYS_LOST_TIME
- + COURT_MARTIAL_DETENTION
- + COURT_MARTIAL_EVIDENCE_LOCATION
- + COURT_MARTIAL_FINE
- + COURT_MARTIAL_FINE_AMOUNT
- + COURT_MARTIAL_FORUM
- + COURT_MARTIAL_NAME
- + COURT_MARTIAL_PRELIMINARY_DATE
- + COURT_MARTIAL_PRELIMINARY_RMKS
- + COURT_MARTIAL_RANK
- + COURT_MARTIAL_REFERRAL_AUTHORITY
- + COURT_MARTIAL_REFERRAL_COMMAND
- + COURT_MARTIAL_REFERRAL_DATE
- + COURT_MARTIAL_REFERRAL_OFFICER
- + COURT_MARTIAL_REFERRAL_OFF_RANK
- + COURT_MARTIAL_REFERRAL_OFF_SIGN
- + COURT_MARTIAL_REFERRAL_PLACE
- + COURT_MARTIAL_REFERRAL_TYPE
- + COURT_MARTIAL_SENTENCE
- + COURT_MARTIAL_TRIAL_COUNSEL_NAME
- + COURT_MARTIAL_TRIAL_COUNSEL_RANK
- + COURT_MARTIAL_UNIT

FOIA RELEASE -

- FOIA_REQUEST_NUMBER
- + FOIA_REQUEST_DATE
- + FOIA_REQUEST_DENIAL_EXEMPTIONS
- + FOIA_REQUEST_DENIED_IN_PART
- + FOIA_REQUEST_DENIED_OTHER_REASON
- + FOIA_REQUEST_EXTENSION_REASON
- + FOIA_REQUEST_GRANTED_IN_FULL
- + FOIA_REQUEST_LACK_OF_RECORDS
- + FOIA_REQUEST_REMARKS
- + FOIA_REQUEST_RESPONDER_COMMAND
- + FOIA_REQUEST_RESPONDER_NAME
- + FOIA_REQUEST_RESPONDER_RANK
- + FOIA_REQUEST_RESPONDER_TITLE

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- + FOIA_REQUEST_STATUTE
- + FOIA_REQUEST_TIME_EXTENSION
- + FOIA_REQUEST_TOTALLY_DENIED

LEGAL -

- LEGAL_OFFICER_NAME
- + LEGAL_OFFICE_LOCATION
- + LEGAL_OFFICE_PHONE

LEGAL ENCOUNTER -

- ENCOUNTER_DATE
- + ENCOUNTER_DESCRIPTION
- + ENCOUNTER_PLACE
- + ENCOUNTER_TYPE

LEGAL LETTER -

- LEGAL_LETTER_DATE
- + LEGAL_LETTER_COMMAND
- + LEGAL_LETTER_COMMANDING_OFFICER
- + LEGAL_LETTER_SIGNED
- + LEGAL_LETTER_STATEMENT
- + LEGAL_LETTER_TYPE

MEMBER -

- MEMBER_SOCIAL_SECURITY_NUMBER
- + DEPARTMENT/DIVISION_ASSIGNED
- + MEMBER_NAME
- + MEMBER_RANK/RATE

NIS INVESTIGATION -

- INVESTIGATION_DATE
- + INVESTIGATION_ACTION
- + INVESTIGATION_CO_XO_APPRAISED
- + INVESTIGATION_DISCIPLINARY_ACT
- + INVESTIGATION_DISCIPLINE_TYPE

PRIVACY ACT REQUEST -

- REQUEST_NUMBER
- + REQUEST_APPEAL_LITIGATION_RMKS
- + REQUEST_DENIAL_APPEAL_OVERTURNED
- + REQUEST_DENIAL_APPEAL_TYPE
- + REQUEST_DENIAL_APPEAL_UPHELD
- + REQUEST_DENIED
- + REQUEST_DENIED_OTHER_REASONS
- + REQUEST_GRANTED
- + REQUEST_LITIGATED_APPEAL_RESULT
- + REQUEST_NO_RECORD
- + REQUEST_TYPE

RECORD OF UA -

- UA_FROM_DATE
- + UA_FROM_TIME

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- + UA_ABSENCE_EXCUSED_UNAVOIDABLE
- + UA_ABSENCE_NOT_EXCUSED
- + UA_ABSENT_WITHOUT_LEAVE
- + UA_AMPLIFYING_REMARKS
- + UA_APPREHENDED_CIVIL_AUTHORITY
- + UA_DATE_HELD_CIVIL_AUTHORITY
- + UA_DAYS_LOST_TIME_CHARGED
- + UA_DD553_ISSUED
- + UA_DD616_ISSUED
- + UA_DD616_ISSUED_LOCATION
- + UA_DELIVERED_TO_CIVIL_AUTHORITY
- + UA_DETERMINED_NOT_UA
- + UA_EXCUSED_NUMBER_LEAVE_DAYS
- + UA_LIBERTY_START_DATE
- + UA_LIBERTY_START_HOUR
- + UA_MEMBER_UIC
- + UA_OVER_LEAVE
- + UA_OVER_LIBERTY
- + UA_PERSONAL_EFFECTS_COLLECTED
- + UA_REPORT_SUBMISSION_DATE
- + UA_RETURNED_APPREHENDED
- + UA_RETURNED_ON_BOARD
- + UA_RETURN_MILITARY_JURISDICTION_UIC
- + UA_RETURN_SURRENDERED
- + UA_RETURN_TRANSFERRED_UNIT
- + UA_RETURN_TRANSFER_UIC
- + UA_RTN_MILITARY_JURISDICTION_DATE
- + UA_RTN_MILITARY_JURISDICTION_PLACE
- + UA_RTN_MILITARY_JURISDICTION_TIME
- + UA_SUBMITTING_OFFICER_NAME
- + UA_SUBMITTING_OFFICER_RANK
- + UA_TIME_HELD_CIVIL_AUTHORITY
- + UA_UNIT
- + UA_UNIT_LOCATION

SEARCH AUTHORIZATION -

- SEARCH_AUTHORIZATION_DATE
- + SEARCH_AUTHORIZATION_TIME
- + SEARCH_AUTH_GRANTOR_NAME
- + SEARCH_AUTH_GRANTOR_SIGNATURE
- + SEARCH_AUTH_GRANTOR_TITLE
- + SEARCH_AUTH_REQUESTOR_DUTY
- + SEARCH_AUTH_REQUESTOR_NAME
- + SEARCH_AUTH_REQUESTOR_SWORN
- + SEARCH_AUTH_REQUEST_DATE
- + SEARCH_AUTH_REQUEST_REASON
- + SEARCH_AUTH_REQUEST_TIME
- + SEARCH_AUTH_SUSPECT_ITEMS
- + SEARCH_AUTH_SUSPECT_NAME
- + SEARCH_AUTH_SUSPECT_OFFENSE
- + SEARCH_AUTH_SUSPECT_PLACE

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SEARCH CONSENT -

- SEARCH DATE
- + SEARCH_LOCATION
- + SEARCH_MEMBER SIGNATURE
- + SEARCH_PRIMARY_PERSON
- + SEARCH_PRIMARY_PERSON_POSITION
- + SEARCH_RELATED_INCIDENT
- + SEARCH_SIGNATURE_WITNESS1_NAME
- + SEARCH_SIGNATURE_WITNESS2_NAME
- + SEARCH_SPACE
- + SEARCH_WITNESS
- + SEARCH_WITNESS_POSITION

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ATTRIBUTE REPORT FOR LEGAL - VERSION 2.11

Attribute Name	Alias	Format	Key	Object & Type
ARRESTING_AGENCY SC: Law enforcement arresting agency	ARR AGENCY	C,25	N	ARREST W
ARRESTING_AGENCY_CITY SC: City of law enforcement agency	ARR AGENCY	C,25	N	ARREST W
ARRESTING_AGENCY_STATE SC: State code of arresting law enforcement agency	ARR AGENCY	C,2	N	ARREST W
ARREST_COURT_CITY SC: City of court residing over arrest	ARR COURT C	C,25	N	ARREST W
ARREST_COURT_NAME SC: Name of court residing over arrest	ARR COURT N	C,40	N	ARREST W
ARREST_COURT_STATE SC: State code of court residing over arrest	ARR COURT S	C,2	N	ARREST W
ARREST_DATE SC: Date of member's arrest	ARREST DATE	D	Y	ARREST W
ARREST_DISPOSITION SC: Disposition of charges from arrest	ARR DISP	C,40	N	ARREST W
ARREST_OFFENSE SC: Nature of arrest offense	ARREST OFFE	C,25	Y	ARREST W
AWARENESS_STATEMENT_DATE SC: Date of member's statement of awareness	AWARE STMT	D	N	ADMIN SE W
BOARD_AWARENESS_STATEMENT_DATE SC: Date of member's statement of awareness	BD AWARE ST	D	N	ADMIN DI W
BOARD_DATE SC: Date board was convened	BD DATE	D	Y	ADMIN DI W
BOARD_DATE_RECORD_COMPLETED SC: Date record of board was completed	BD DATE REC	D	N	ADMIN DI W
BOARD_DEFENSE_COUNSEL_NAME SC: Name of member's defense counsel	BD DEF COUN	C,45	N	ADMIN DI W
BOARD_DISCHARGE_APPROVED_DATE SC: Date member's discharged is approved by NMPC	BD DISCH AP	D	N	ADMIN DI W
BOARD_DISCHARGE_AUTHORIZED_DTG SC: Date-time group of message from NMPC authorizing discharge	BD DISCH AU	C,12	N	ADMIN DI W

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BOARD DISCHARGE DATE	BD DISCH DA	D	N	ADMIN DI	W
SC: Date of member's discharge from the service					
BOARD NOTIFICATION DATE	BD NOTIF DA	D	N	ADMIN DI	W
SC: Date of notification to member					
BOARD RECORDER NAME	BD RECORDER	C,45	N	ADMIN DI	W
SC: Name of recorder for board					
BOARD RECORDER PHONE	BD RECORDER	C,8	N	ADMIN DI	W
SC: Phone number of board recorder					
BOARD REQUESTED	BD REQ	L	N	ADMIN DI	W
SC: Indicates if member requests a board					
BOARD SENT TO NMPC DATE	BD NMPC DAT	D	N	ADMIN DI	W
SC: Date results of board were sent to NMPC					
CM ACCUSED ABSENT INVESTIGATION	CM ACC ABSE	M	N	COURT MA	W
SC: Circumstances & proceedings conducted in absence of accused					
CM ACCUSED DEFER CONFINEMENT RIGHT	CM ACC DEFE	L	N	COURT MA	W
SC: Indicates acc informed of his right to request confinement be deferred					
CM ACCUSED INFORMED CHARGE DATE	CM ACC INFO	D	N	COURT MA	W
SC: Date accused was informed of the charges against him					
CM ACCUSED RIGHTS INFORMED DATE	CM ACC RIGH	D	N	COURT MA	W
SC: Date accused was informed of all of his rights					
CM ACCUSED RIGHTS INFORM PLACE	CM ACC RIGH	C,45	N	COURT MA	W
SC: Place accused was informed of all of his rights					
CM ACCUSED RIGHTS SIGNED	CM ACC RIGH	L	N	COURT MA	W
SC: Indicates accused signed form indicating acknowledgement of rights					
CM ACCUSED RIGHTS WAIVED	CM ACC RIGH	L	N	COURT MA	W
SC: Indicates accused waived some of his rights					
CM ACCUSED RIGHTS WAIVED RMKS	CM ACC RIGH	M	N	COURT MA	W
SC: List of rights accused has waived					
CM ACCUSED WRITTEN MATTER RIGHT	CM ACC WRIT	L	N	COURT MA	W
SC: Indicates accused informed of right to submit written matters to CA					
CM ACCUSER SIGN CHARGES DATE	CM ACCUSER	D	N	COURT MA	W
SC: Date accuser signed the charge sheet					
CM ACCUSER SIGN CHARGE SHEET	CM ACCUSER	L	N	COURT MA	W
SC: Indicates if accuser has signed the charge sheet					

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CM ACCOUSOR AFFIDAVIT DATE CM ACCOUSOR D N COURT MA W
SC: Date accousor swore under oath to the truth of the charges

CM ACCUSED NATURE PRE RESTRAINT CM ACC NATU C,30 N COURT MA W
SC: Nature of restraint of accused before trial

CM ACCUSED PRE RESTRAINT TO DATE CM ACC PRE D N COURT MA W
SC: Date accused's pretrial restraint ended

CM ACCUSED RIGHTS NOTIFICATION CM ACC RIGH L N COURT MA W
SC: Indicates accused was notified of all of his rights before questioned

CM ACC PRE RESTRAINT FROM DATE CM PRE REST D N COURT MA W
SC: Date accused's pretrial restraint started

CM ACTION DATE CM ACT DATE D N COURT MA W
SC: Date judgement or action takes effect (i.e. reduction in rate)

CM ASSISTANT DEFENSE COUNSEL CM ASSIST D C,45 N COURT MA W
SC: Name of assistant defense counsel, if any

CM ASSIST DEFENSE COUNSEL RANK CM ASSIST D C,20 N COURT MA W
SC: Rank of assistant defense counsel

CM ASSIST DEFENSE COUNSEL UNIT CM ASSIST D C,45 N COURT MA W
SC: Unit to which assistant defense counsel belongs

CM ASSIST DEF COUNSEL UNIT ADDR CM ASSIST D C,45 N COURT MA W
SC: Address of unit to which assistant defense counsel belongs

CM AUTHENTICATION DATE CM AUTH DAT D N COURT MA W
SC: Date summary court martial officer signed for authentication

CM AUTHENTICATION SIGNATURE CM AUTH SIG L N COURT MA W
SC: Indicates summary CM officer signed sheet for authentication

CM CHARGE SPECIFICATION CM SPECIFIC M N COURT MA W
SC: Specifications of violation of charge (in repeating group with charge)

CM CHARGE SPECIFICATION FINDINGS CM CHARGE S M N COURT MA W
SC: Findings of specification (in repeating group with charges)

CM CHARGE SPECIFICATION PLEA CM CH SPEC C,2 N COURT MA W
SC: (G or NG) Accoused's plea to specification (repeating group w/charge)

CM CHECKAGE MONTHLY AMOUNT CM CHECK MO \$ N COURT MA W
SC: Monthly amount of checkage

CM CHECKAGE NUMBER MONTHS CM CHECK NU N,2 N COURT MA W
SC: Number of months for checkage

CM CONFINEMENT DEFER END DATE CM CONF DEF D N COURT MA W
SC: Date deferment of confinement is terminated

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CM CONFINEMENT DIRECTED TIME	CM CONF DIR	T	N	COURT MA	W
SC: Time confinement is directed to start					
CM CONFINEMENT FACILITY	CM CONF FAC	C,45	N	COURT MA	W
SC: Name of confinement facility receiving prisoner					
CM CONFINEMENT MEDICALLY FIT	CM CONF MED	L	N	COURT MA	W
SC: Indicates if member is medically fit for confinement					
CM CONFINEMENT MEDICAL EXAM DATE	CM CONF MED	D	N	COURT MA	W
SC: Date of medical exam to ensure fitness for confinement					
CM CONFINEMENT MEDICAL EXAM TIME	CM CONF MED	T	N	COURT MA	W
SC: Time of medical exam to ensure fitness for confinement					
CM CONFINEMENT MEDICAL IRREGULAR	CM CONF MED	M	N	COURT MA	W
SC: Medical irregularities found when examining for fitness for confinement					
CM CONFINEMENT MEDICAL OFFICER	CM CONF MED	C,45	N	COURT MA	W
SC: Name, rank and title of medical officer examining fit for confinement					
CM CONFINEMENT MEDICAL OFF SIGN	CM CONF MED	L	N	COURT MA	W
SC: Indicates if medical officer conducting confinement exam signed form					
CM CONFINEMENT ORDER FROM DATE	CM CONF ORD	D	N	COURT MA	W
SC: Date confinement order states start of confinement					
CM CONFINEMENT ORDER TO DATE	CM CONF ORD	D	N	COURT MA	W
SC: Date confinement order states confinement ends					
CM CONFINEMENT RECEIPT DATE	CM CONF RCP	D	N	COURT MA	W
SC: Date prisoner was received at confinement facility					
CM CONFINEMENT RECEIPT OFFICER	CM CONF RCP	C,45	N	COURT MA	W
SC: Name, rank and title of member signing for receipt of prisoner					
CM CONFINEMENT RECEIPT SIGNATURE	CM CONF RCP	L	N	COURT MA	W
SC: Indicates if member receiving prisoner signed receipt for prisoner					
CM CONFINEMENT RECEIPT TIME	CM CONF RCP	T	N	COURT MA	W
SC: Time prisoner was received at confinement facility					
CM CONFINEMENT REMARKS	CM CONF RMK	M	N	COURT MA	W
SC: Special remarks about confinement or Article 86 remarks					
CM CONSENT TO CHECKAGE	CM CHECK CO	L	N	COURT MA	W
SC: Indicates if member consents to pay fine by checkage					
CM CONVENING AUTHORITY ACTION	CM CONV AUT	M	N	COURT MA	W
SC: Action by convening authority					

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CM CONVENING AUTHORITY NAME	CM CONV AUT	C,45	N	COURT MA	W
SC: Name of convening authority					
CM CONVENING AUTHORITY POSITION	CM CONV AUT	C,30	N	COURT MA	W
SC: Position of convening authority					
CM CONVENING AUTHORITY RANK	CM CONV AUT	C,20	N	COURT MA	W
SC: Rank of convening authority					
CM CONVENING AUTHORITY SIGNATURE	CM CONV AUT	L	N	COURT MA	W
SC: Indicates convening authority signed record of trial					
CM CONVENING AUTHORITY SIGN DATE	CM CONV AUT	D	N	COURT MA	W
SC: Date convening authority signed record of trial					
CM DAYS LOST TIME CONFINEMENT	CM DAYS LOS	N,3	N	COURT MA	W
SC: Number of days considered lost in enlistment due to confinement					
CM DEFENSE COUNSEL NAME	CM DEF COUN	C,45	N	COURT MA	W
SC: Name of accused's defense counsel					
CM DEFENSE COUNSEL RANK	CM DEF COUN	C,20	N	COURT MA	W
SC: Rank of accused's defense counsel					
CM DEFENSE COUNSEL UNIT	CM DEF COUN	C,45	N	COURT MA	W
SC: Name of unit to which defense counsel belongs					
CM DEFENSE COUNSEL UNIT ADDRESS	CM DEF COUN	C,45	N	COURT MA	W
SC: Address of unit to which defense counsel belongs					
CM DETENTION MONTHLY AMOUNT	CM DETEN MT	\$	N	COURT MA	W
SC: Monthly amount of member's adjudged detention					
CM DETENTION NUMBER MONTHS	CM DETEN NU	N,2	N	COURT MA	W
SC: Number of months of member's adjudged detention					
CM DETENTION REFUND DATE	CM DETEN RE	D	N	COURT MA	W
SC: Date member receives his refund of detention money					
CM EVIDENCE ACCUSED EXAMINED	CM EVID ACC	L	N	COURT MA	W
SC: Indicates accused examined evidence (in evidence repeating group(3))					
CM EVIDENCE DESCRIPTION	CM EVIDENCE	C,45	N	COURT MA	W
SC: Description of evidence item (in evidence repeating group(3))					
CM FORFEITURE MONTHLY AMOUNT	CM FORF AMT	\$	N	COURT MA	W
SC: Amount of money member must forfeit each month from court martial					
CM FORFEITURE NUMBER MONTHS	CM FORF MON	N,2	N	COURT MA	W
SC: Number of months member's forfeiture of pay will last					

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CM FORFEITURE_OF_PAY CM FORF PAY L N COURT MA W
SC: Indicates if member's pay if forfeited from sentence in court martial

CM IMMEDIATE_COMMANDER_NAME CM IMMED CO C,45 N COURT MA W
SC: Name of accused's immediate commander

CM IMMEDIATE_COMMANDER_RANK CM IMMED CO C,20 N COURT MA W
SC: Rank of accused's immediate commander

CM IMMEDIATE_COMMANDER_SIGNATURE CM IMMED CO L N COURT MA W
SC: Indicates if accused's immediate commander signed charge sheet

CM IMMEDIATE_COMMANDER_UNIT CM IMMED CO C,45 N COURT MA W
SC: Unit to which accused's immediate commander belongs

CM INVESTIGATING_OFFICER_FINDING CM INVEST O M N COURT MA W
SC: Investigating officer's findings, remarks and recommendations

CM INVESTIGATING_OFFICER_NAME CM INVEST O C,45 N COURT MA W
SC: Name of officer investigating charges against member

CM INVESTIGATING_OFFICER_RANK CM INVEST O C,20 N COURT MA W
SC: Rank of investigating officer

CM INVESTIGATING_OFFICER_UNIT CM INVEST O C,45 N COURT MA W
SC: Name of unit to which officer investigating charges belongs

CM INVESTIGATION_CHECKLIST CM INVEST C L N COURT MA W
SC: Indicates investigating officer completed investigation checklist

CM INVESTIGATION_REPORT_DATE CM INVEST R D N COURT MA W
SC: Date of investigating officer's report

CM INVESTIGATION_WITNESS_ADDRESS CM INVEST W C,45 N COURT MA W
SC: Address of witness in investigation (in witness repeating group(2))

CM INVESTIGATION_WITNESS_NAME CM INVEST W C,45 N COURT MA W
SC: Name of witness testifying under oath in investigation (rpting group2)

CM INVESTIGATION_WITNESS_RANK CM INVEST W C,20 N COURT MA W
SC: Rank of witness in investigation (in witness repeating group(2))

CM INVESTIGATION_WITNESS_STMT CM INVEST W M N COURT MA W
SC: Statement or testimony of witness in invest. (witness repeating group2)

CM INVESTIGATION_WITNESS_UNIT CM INVEST W C,45 N COURT MA W
SC: Unit to which witness in investigation belongs (in repeating group2)

CM JUDICIAL_CONFINEMENT_CREDITS CM JUDGE CO N,2 N COURT MA W
SC: Number of days credited to confinement as ordered by judge

CM PRETRIAL_AGREEMENT_TERMS CM PRETRIAL M N COURT MA W
SC: Terms of pretrial agreement, if any

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CM PRETRIAL CONFINEMENT CREDITS CM PRETRIAL N,2 N COURT MA W
SC: Number of pretrial confinement credits (in days)

CM PRETRIAL CONFINEMENT REASON CM PRETRIAL C,45 N COURT MA W
SC: Reason for pretrial confinement (i.e. ensure presence at trial)

CM RATE ADJUSTED TO CM RATE ADJ C,6 N COURT MA W
SC: Rate member's rate is adjusted to after court martial

CM RATE ADJUSTMENT CM RATE ADJ L N COURT MA W
SC: Indicates if member's rate is reduced from sentence of court martial

CM REFERRAL OFFICER CAPACITY CM REF OFF C,30 N COURT MA W
SC: Official capacity of officer referring charges to convening authority

CM REFERRAL SPECIAL INSTRUCTIONS CM REF SPEC M N COURT MA W
SC: Special instructions that court martial is subject to

CM SWORN CHARGES RECEIPT OFF RANK CM SWORN CH C,20 N COURT MA W
SC: Rank of officer receiving sworn charges for summary CM authority

CM SWORN CHARGES RECEIPT DATE CM SWORN CH D N COURT MA W
SC: Date sworn charges were received by officer exercising summary CM

CM SWORN CHARGES RECEIPT OFFICER CM SWORN CH C,45 N COURT MA W
SC: Name of officer receiving charges for summary court martial

CM SWORN CHARGES RECEIPT TIME CM SWORN CH T N COURT MA W
SC: Time sworn charges were received by officer exercising summary CM

CM SWORN CHARGES RECEIPT UNIT CM SWORN CH C,45 N COURT MA W
SC: Name of unit where sworn charges were received by summary cm officer

CM SWORN CHARGE RCPTOFF CAPACITY CM SWORN CH C,30 N COURT MA W
SC: Official capacity of officer receiving charge for summary CM authority

CM TRIAL COUNSEL RCPT SIGNATURE CM TRIAL CO L N COURT MA W
SC: Indicates trial counsel signed for receipt of charge sheet

CM TRIAL COUNSEL RECEIPT DATE CM TRIAL CO D N COURT MA W
SC: Date trial counsel received charge sheet

COURT MARTIAL ACCOUSER_NAME CM ACCOUSER C,45 N COURT MA W
SC: Name of accuser

COURT MARTIAL ACCOUSER_RANK CM ACCOUSER C,20 N COURT MA W
SC: Rank of accouser

COURT MARTIAL ACCOUSER_UNIT CM ACCOUSER C,45 N COURT MA W
SC: Unit to which accouser belongs

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COURT_MARTIAL_ACCUSED_COUNSEL	CM ACCUSED	L	N	COURT MA	W
SC: Indicates if the accused was represented by counsel at court martial					
COURT_MARTIAL_ACCUSED_UNIT	CM ACCUSED	C,45	N	COURT MA	W
SC: Unit name to which accused belongs					
COURT_MARTIAL_ACC_COUNSEL_NAME	CM ACCUSED	C,45	N	COURT MA	W
SC: Name of accused's counsel					
COURT_MARTIAL_ACC_COUNSEL_QUALS	CM ACCUSED	M	N	COURT MA	W
SC: Qualifications of accused's counsel					
COURT_MARTIAL_ACC_COUNSEL_RANK	CM ACCUSED	C,20	N	COURT MA	W
SC: Rank of accused's counsel					
COURT_MARTIAL_CHARGE	CM CHARGE	C,10	N	COURT MA	W
SC: UCMJ Article number member is charged with violating (repeating group)					
COURT_MARTIAL_CHARGE_FINDING	CM CHARGE F	M	N	COURT MA	W
SC: Findings including exceptions and substitutions (in repeating group)					
COURT_MARTIAL_CHARGE_PLEA	CM CHARGE P	C,2	N	COURT MA	W
SC: Accused's plea to charge (G or NG) (in repeating group with charge)					
COURT_MARTIAL_CONVENING_AUTH	CM CONVENIN	C,45	N	COURT MA	W
SC: Name of convening authority for court martial					
COURT_MARTIAL_CONVENING_DATE	CM CONV DAT	D	Y	COURT MA	W
SC: Date of court martial proceedings (first day)					
COURT_MARTIAL_CONV_AUTH_POSITION	CM CONV AUT	C,20	N	COURT MA	W
SC: Position held by court martial convening authority					
COURT_MARTIAL_CONV_AUTH_RANK	CM CONVENIN	C,15	N	COURT MA	W
SC: Rank of court martial convening authority					
COURT_MARTIAL_CONV_AUTH_UNIT	CM CONV AUT	C,45	N	COURT MA	W
SC: Name of unit to which court martial convening authority belongs					
COURT_MARTIAL_CURRENT_RANK	CM CURRENT	C,5	N	COURT MA	W
SC: Current rank or grade of member being court martialed					
COURT_MARTIAL_DAYS_LOST_TIME	CM DAYS LOS	N,3	N	COURT MA	W
SC: Number of days considered lost in enlistment from unauthorized absence					
COURT_MARTIAL_DETENTION	CM DETENTIO	L	N	COURT MA	W
SC: Indicates if sentence requires detention of member's money					
COURT_MARTIAL_EVIDENCE_LOCATION	CM EVID LOC	C,45	N	COURT MA	W
SC: Location of original of evidence item (in evidence repeating group(3))					

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COURT_MARTIAL_FINE	CM FINE	L	N	COURT MA	W
SC: Indicates if member is sentenced to a fine in the court martial					
COURT_MARTIAL_FINE_AMOUNT	CM FINE AMT	\$	N	COURT MA	W
SC: Amount of fine member must pay from court martial sentence					
COURT_MARTIAL_FORUM	CM FORUM	C,25	N	COURT MA	W
SC: Forum of court martial (by number of (enlisted) members, judge alone)					
COURT_MARTIAL_NAME	CM NAME	C,45	N	COURT MA	W
SC: Name of person heading the Court Martial					
COURT_MARTIAL_PRELIMINARY_DATE	CM PRELIM D	D	N	COURT MA	W
SC: Date of preliminary proceedings for court martial					
COURT_MARTIAL_PRELIMINARY_RMKS	CM PRELIM R	M	N	COURT MA	W
SC: Remarks about preliminary proceedings for court martial					
COURT_MARTIAL_RANK	CM RANK	C,20	N	COURT MA	W
SC: Rank of person performing or heading the court martial					
COURT_MARTIAL_REFERRAL_AUTHORITY	CM REF OFF	M	N	COURT MA	W
SC: Name, rank, etc of convening authority to which charges are referred					
COURT_MARTIAL_REFERRAL_COMMAND	CM REF COMM	C,45	N	COURT MA	W
SC: Name of command of convening authority where charges are referred					
COURT_MARTIAL_REFERRAL_DATE	CM REF DATE	D	N	COURT MA	W
SC: Date charges are referred to convening authority					
COURT_MARTIAL_REFERRAL_OFFICER	CM REFER OF	C,45	N	COURT MA	W
SC: Name of officer referring charges to convening authority					
COURT_MARTIAL_REFERRAL_OFF_RANK	CM REF OFF	C,20	N	COURT MA	W
SC: Rank of officer referring charges to convening officer					
COURT_MARTIAL_REFERRAL_OFF_SIGN	CM REF OFF	L	N	COURT MA	W
SC: Indicates if officer referring charges to convening authority signed					
COURT_MARTIAL_REFERRAL_PLACE	CM REFERRAL	C,30	N	COURT MA	W
SC: Place where court martial is referred					
COURT_MARTIAL_REFERRAL_TYPE	CM REF TYPE	C,7	N	COURT MA	W
SC: Type of court martial charges are referred to (summary, general, etc)					
COURT_MARTIAL_SENTENCE	CM SENTENCE	M	N	COURT MA	W
SC: Sentence adjudged to accused					
COURT_MARTIAL_TRIAL_COUNSEL_NAME	CM TRIAL CO	C,45	N	COURT MA	W
SC: Name of trial counsel					
COURT_MARTIAL_TRIAL_COUNSEL_RANK	CM TRIAL CO	C,20	N	COURT MA	W
SC: Rank of trial counsel					

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COURT MARTIAL UNIT CM UNIT C,45 N COURT MA W
SC: Name of unit to which member heading the court martial belongs

DEPARTMENT/DIVISION ASSIGNED DEPT DIV AS C,30 N MEMBER E
SC: Name of department and division to which member is assigned

ENCOUNTER DATE ENC DATE D Y LEGAL EN W
SC: Date of legal encounter

ENCOUNTER DESCRIPTION ENC DESC M N LEGAL EN W
SC: Description of encounter

ENCOUNTER PLACE ENC PLACE C,25 N LEGAL EN W
SC: Place of encounter

ENCOUNTER TYPE ENCOUNTER T C,25 N LEGAL EN W
SC: Type of encounter, i.e. family disturbance, law contact, bad check,EMI

FOIA REQUEST DATE FOIA REQ DA D N FOIA REL E
SC: Date of Freedom of Information Act Request

FOIA REQUEST DENIAL EXEMPTIONS FOIA REQ DE M N FOIA REL E
SC: List of exemptions claimed in denial letter

Long Comment :

The following are valid exemptions to be claimed in denial letter:

(b) (1)	(b) (6)
(b) (2)	(b) (7)
(b) (3)	(b) (8)
(b) (4)	(b) (9)
(b) (5)	

FOIA REQUEST DENIED IN PART FOIA REQ DE L N FOIA REL E
SC: Indicates request was denied in part

FOIA REQUEST DENIED OTHER REASON FOIA REQ DE C,60 N FOIA REL E
SC: Other reason that request was denied

Long Comment :

The following are other reasons valid for denying a FOIA request:

Transferred Request in Whole or in Part

Lack of Records (no records found)

Requestor Failed to Reasonably Describe Records being sought

Requestor Failed to Comply with Established Rules/Directives

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Requestor Withdrew Request/Approval

Not an Agency Record

FOIA REQUEST EXTENSION REASON FOIA REQ EX C,30 N FOIA REL E
SC: Reason(s) for formal extension of time to respond to request

Long Comment :

The following are valid reasons for extention of time for response:

Search

Collect

Consultation

Court Involvement

FOIA REQUEST GRANTED IN FULL FOIA REQ GR L N FOIA REL E
SC: Indicates if request was granted in full

FOIA REQUEST LACK OF RECORDS FOIA REQ LA L N FOIA REL E
SC: Indicates request was denied due to a lack of records

FOIA REQUEST NUMBER FOIA REQ NU C,3 Y FOIA REL E
SC: Sequential number for request

FOIA REQUEST REMARKS FOIA REQ RM M N FOIA REL E
SC: Remarks regarding the Freedom of Information Act request

FOIA REQUEST RESPONDER COMMAND FOIA REQ RE C,45 N FOIA REL E
SC: Name of command to which person responding to request is assigned

FOIA REQUEST RESPONDER NAME FOIA REQ RE C,45 N FOIA REL E
SC: Name of person responding to FOIA request

FOIA REQUEST RESPONDER RANK FOIA REQ RE C,15 N FOIA REL E
SC: Rank of person responding to request

FOIA REQUEST RESPONDER TITLE FOIA REQ RE C,35 N FOIA REL E
SC: Title of person responding to request

FOIA REQUEST STATUTE FOIA REQ ST M N FOIA REL E
SC: Statute claimed if citing exemption (b) (3)

FOIA REQUEST TIME EXTENSION FOIA REQ TI L N FOIA REL E
SC: Indicates if a formal time extension was taken

FOIA REQUEST TOTALLY DENIED FOIA REQ DE L N FOIA REL E
SC: Indicates request for information was totally denied

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INQUIRY_COMPLAINT_NATURE	INQ COMPLAI	C,60	N	CONGRESS	E
SC: Nature of complaint for which the inquiry is based					
INQUIRY_DATE	INQ DATE	D	Y	CONGRESS	E
SC: Date of congressional inquiry					
INQUIRY_INDIVIDUAL_NAME	INQ INDIV N	C,60	N	CONGRESS	E
SC: Name of individual who instigated inquiry					
INQUIRY_PRIVACY_ACT_RELEASE	INQ PRIV AC	L	N	CONGRESS	E
SC: Indicates if privacy act information was required to be released					
INQUIRY_RESPONSE	INQ RESP	M	N	CONGRESS	E
SC: Command's response to inquiry					
INQUIRY_RESPONSE_DATE	INQ RESP DA	D	N	CONGRESS	E
SC: Date of command's response to inquiry					
INVESTIGATION_ACTION	INVEST ACTI	M	N	NIS INVE	W
SC: Action taken by command, if any					
INVESTIGATION_CO_XO_APPRAISED	INVEST CO/X	L	N	NIS INVE	W
SC: Indicates if CO and XO have been appraised about NIS investigation					
INVESTIGATION_DATE	INVEST DATE	D	Y	NIS INVE	W
SC: Date of NIS investigation					
INVESTIGATION_DISCIPLINARY_ACT	INVEST DISC	L	N	NIS INVE	W
SC: Indicates if disciplinary action was taken as a result of invest.					
INVESTIGATION_DISCIPLINE_TYPE	INVEST DISC	C,12	N	NIS INVE	W
SC: Type of disciplinary action taken, if any					
LEGAL_LETTER_COMMAND	LEGAL LTR C	C,45	N	LEGAL LE	W
SC: Name of Command where member received letter					
LEGAL_LETTER_COMMANDING_OFFICER	LEGAL LTR C	C,45	N	LEGAL LE	W
SC: Name of Commanding Officer signing the letter					
LEGAL_LETTER_DATE	LEGAL LTR D	D	Y	LEGAL LE	W
SC: Date letter was signed					
LEGAL_LETTER_SIGNED	LEGAL LTR S	L	N	LEGAL LE	W
SC: Indicates if member signed the letter					
LEGAL_LETTER_STATEMENT	LEGAL LTR S	M	N	LEGAL LE	W
SC: Statement contained in the letter					
LEGAL_LETTER_TYPE	LEGAL LTR T	C,9	N	LEGAL LE	W
SC: Type of legal letter (either letter of Caution or Reprimand)					

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LEGAL OFFICER NAME	LEGAL OFFIC	C,45	N	LEGAL	E
SC: Name of legal officer					
LEGAL OFFICE LOCATION	LEGAL OFF L	C,15	N	LEGAL	E
SC: Location of legal office					
LEGAL OFFICE PHONE	LEGAL OFFIC	C,7	N	LEGAL	E
SC: Phone number of legal office					
MAST ACTION ADMONITION	MAST ACT AD	L	N	CAPTAINS	W
SC: Indicates action taken at mast was an admonition (oral or in writing)					
MAST ACTION ARTICLE 32 INVEST	MAST ACT AR	L	N	CAPTAINS	W
SC: Indicates an article 32 investigation has been recommended					
MAST ACTION CONFINED BREAD DAYS	MAST ACT CO	N,1	N	CAPTAINS	W
SC: Number of days member is confined on bread and water					
MAST ACTION CONFINED BREAD WATER	MAST ACT CO	L	N	CAPTAINS	W
SC: Indicates member is confined with bread and water					
MAST ACTION CORRECTIONAL CUSTODY	MAST ACT CC	L	N	CAPTAINS	W
SC: Indicates member is sentenced to correctional custody					
MAST ACTION CORRECT CUSTODY DAYS	MAST ACT CC	N,2	N	CAPTAINS	W
SC: Number of days member is sentenced to correctional custody					
MAST ACTION COURT MARTIAL	MAST ACT CO	L	N	CAPTAINS	W
SC: Indicates a trial by court martial has been recommended by CO					
MAST ACTION DETAINED MONTHS	MAST ACT DE	N,1	N	CAPTAINS	W
SC: Number of months member's detained money will be held					
MAST ACTION DETENTION	MAST ACT DE	L	N	CAPTAINS	W
SC: Indicates member must have money detained for a number of months					
MAST ACTION DETENTION AMOUNT	MAST ACT DE	\$	N	CAPTAINS	W
SC: Amount of money member has detained per months					
MAST ACTION DETENTION MONTHS	MAST ACT DE	N,1	N	CAPTAINS	W
SC: Number of months member's money will be detained					
MAST ACTION EXTRA DUTIES	MAST ACT EX	L	N	CAPTAINS	W
SC: Indicates member is assigned extra duties					
MAST ACTION EXTRA DUTIES DAYS	MAST ACT EX	N,3	N	CAPTAINS	W
SC: Number of days member is assigned extra duties					
MAST ACTION FORFEITURE	MAST ACT FO	L	N	CAPTAINS	W
SC: Indicates action at mast was a forfeiture of pay from member					

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MAST ACTION FORFEITURE AMOUNT	MAST ACT FO	\$	N	CAPTAINS	W
SC: Amount of money member must forfeit per month					
MAST ACTION FORFEITURE MONTHS	MAST ACT FO	N,2	N	CAPTAINS	W
SC: Number of months member must forfeit money					
MAST ACTION PUNISHMENT SUSPENDED	MAST ACT PU	L	N	CAPTAINS	W
SC: Indicates member's punishment is suspended					
MAST ACTION RATE REDUCTION	MAST ACT RI	L	N	CAPTAINS	W
SC: Indicates member is sentenced to a reduction in rate					
MAST ACTION RATE REDUCTION RATE	MAST ACT RI	C,5	N	CAPTAINS	W
SC: Rate or paygrade member is reduced to					
MAST ACTION REPRIMAND	MAST ACT RE	L	N	CAPTAINS	W
SC: Indicates action taken at mast was a reprimand (oral or in writing)					
MAST ACTION RESTRICTED DAYS	MAST ACT RE	N,2	N	CAPTAINS	W
SC: Number of days member is restricted					
MAST ACTION RESTRICTED TO	MAST ACT RE	C,45	N	CAPTAINS	W
SC: Location where member is restricted to					
MAST ACTION RESTRICTION	MAST ACT RE	L	N	CAPTAINS	W
SC: Indicates action taken at mast was restriction					
MAST ACTION RESTRICTION NO DUTY	MAST ACT RE	L	N	CAPTAINS	W
SC: Indicates member was restricted and suspended from duty					
MAST ACTION SUSPENDED MONTHS	MAST ACT SU	N,2	N	CAPTAINS	W
SC: Number of months member's punishment is suspended					
MAST APPEAL DATE	MAST APPEAL	D	N	CAPTAINS	W
SC: Date member submitted appeal					
MAST APPEAL FINAL RESULT	MAST APPEAL	M	N	CAPTAINS	W
SC: Final results of member's appeal					
MAST APPEAL FORWARDED DATE	MAST APPEAL	D	N	CAPTAINS	W
SC: Date member's appeal was forwarded for decision					
MAST APPEAL RIGHTS WITNESS NAME	MAST APP RI	C,45	N	CAPTAINS	W
SC: Name of person informing member of appeal rights					
MAST AWARDED COURT MARTIAL	MAST AWARDE	L	N	CAPTAINS	W
SC: Indicates member has been awarded a court martial					
MAST CHARGES DISMISSED	MAST CHARGE	L	N	CAPTAINS	W
SC: Indicates if the charges were dismissed at mast					
MAST COMMANDING OFFICER ACTION	MAST CO ACT	C,10	N	CAPTAINS	W
SC: Action of commanding officer during mast (punishment, dismissal, etc)					

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MAST COMMANDING OFFICER SIGN	MAST CO SIG	L	N	CAPTAINS	W
SC: Indicates Commanding Officer signed report of mast					
MAST DATE	MAST DATE	D	N	CAPTAINS	W
SC: Date of member's mast					
MAST DIVISION OFFICER REMARKS	MAST DIVO R	M	N	CAPTAINS	W
SC: Remarks about member by his division officer					
MAST EXECUTIVE OFFICER SIGNATURE	MAST XO SIG	L	N	CAPTAINS	W
SC: Indicates executive officer signed charges and referred them to mast					
MAST INVESTIGATING OFFICER RMKS	MAST INVEST	M	N	CAPTAINS	W
SC: Remarks and recommendations of officer investigating incident					
MAST INVESTIGATING OFFICER SIGN	MAST INVEST	L	N	CAPTAINS	W
SC: Indicates that investigating officer signed report chit					
MAST INVESTIGATION OFFICER	MAST INVEST	C,45	N	CAPTAINS	W
SC: Name of officer investigating report of offense prior to mast					
MAST INVESTIGATION OFFICER DATE	MAST INVEST	D	N	CAPTAINS	W
SC: Date investigating officer submitted his report					
MAST INVESTIGATION OFFICER RANK	MAST INVEST	C,20	N	CAPTAINS	W
SC: Rank of officer investigating offense prior to mast					
MAST MEMBER APPEAL RIGHTS	MAST MBR AP	L	N	CAPTAINS	W
SC: Indicates member was informed of right to appeal mast results					
MAST MEMBER APPEAL RIGHTS DATE	MAST MBR AP	D	N	CAPTAINS	W
SC: Date member was informed of appeal rights					
MAST MEMBER CHARGES ACKNOWLEDGED	MAST MBR CH	L	N	CAPTAINS	W
SC: Indicates member acknowledged and signed the report of alleged offense					
MAST MEMBER CM RIGHT WITNESS	MAST MBR CM	C,45	N	CAPTAINS	W
SC: Name of person witnessing member being informed court martial rights					
MAST MEMBER COURT MARTIAL RIGHT	MAST MBR CM	L	N	CAPTAINS	W
SC: Indicates member was informed of and waived his right to court martial					
MAST MEMBER CURRENT RANK	MAST MBR CU	C,20	N	CAPTAINS	W
SC: Current rank/rate of member					
MAST MEMBER INFORMED ACTION DATE	MAST MBR IN	D	N	CAPTAINS	W
SC: Date member was informed of CO's action at mast					
MAST MEMBER RIGHTS ADVISED	MAST MBR RI	L	N	CAPTAINS	W
SC: Indicates member was advised of his rights before being questioned					

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MAST MEMBER RIGHTS WAIVED	MAST MBR RI	M	N	CAPTAINS	W
SC: List of rights that member waived					
MAST MEMBER RIGHTS WITNESS NAME	MAST MBR RI	C,45	N	CAPTAINS	W
SC: Name of witness who watched member be advised of his rights					
MAST MEMBER STATEMENT	MAST MBR ST	M	N	CAPTAINS	W
SC: Statement, if any, made by member about alleged offense					
MAST OFFENSE DATE	MAST OFFENS	D	Y	CAPTAINS	W
SC: Date member was accused of committing offense					
MAST OFFENSE DETAILS	MAST OFFENS	M	N	CAPTAINS	W
SC: Details of offense(s) member is accused of committing (UCMJ articles)					
MAST OFFENSE PLACE	MAST OFFENS	C,50	N	CAPTAINS	W
SC: Place member was accused of committing offense					
MAST OFFENSE REPORT DATE	OFFENSE RPT	D	N	CAPTAINS	W
SC: Date initial report was made on member's alleged offense					
MAST PREMAST RESTRAINT	MAST PREMAS	M	N	CAPTAINS	W
SC: Lists limits of premast restriction or confinement, if any					
MAST PREMAST RESTRAINT OFFICER	MAST PREMAS	C,45	N	CAPTAINS	W
SC: Name of officer imposing premast restraint					
MAST PREMAST RESTRAINT OFF TITLE	MAST PREMAS	C,20	N	CAPTAINS	W
SC: Title of officer imposing premast restraint					
MAST REPORTING MEMBER	MAST REPORT	C,45	N	CAPTAINS	W
SC: Name of member reporting offense					
MAST REPORTING MEMBER TITLE	MAST RPTING	C,30	N	CAPTAINS	W
SC: Rank and title of member submitting report of offense					
MAST UNIT	MAST UNIT	C,45	N	CAPTAINS	W
SC: Unit to which member was stationed when he was taken to mast					
MAST WITNESS DIVISION	MAST WITNES	C,30	N	CAPTAINS	W
SC: Name of division to which witness belongs (in witness repeating group)					
MAST WITNESS NAME	MAST WITNES	C,45	N	CAPTAINS	W
SC: Name of witness giving statement about offense (witness rptg group)					
MAST WITNESS RANK	MAST WITNES	C,20	N	CAPTAINS	W
SC: Rank of witness submitting statement (in witness repeating group)					
MAST WITNESS STATEMENT	MAST WIT ST	M	N	CAPTAINS	W
SC: Statement of witness about incident (in witness repeating group)					

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MEMBER NAME	MEMBER NAME	C,45	N	MEMBER	E
SC: Full name of member					
MEMBER_RANK/RATE	MEMBER RANK	C,15	N	MEMBER	E
SC: Rank or rate of member (depending on if he is an officer or enlisted)					
MEMBER_SOCIAL_SECURITY_NUMBER	SSN	C,11	Y	MEMBER	E
SC: Social security number of member					
REQUEST_APPEAL_LITIGATION_RMKS	REQ APPEAL	M	N	PRIVACY	E
SC: Remarks or details of results of litigation of appeal results					
REQUEST_DENIAL_APPEAL_OVERTURNED	REQ DENIAL	L	N	PRIVACY	E
SC: Indicates appeal where denial was overturned either in whole or part					
REQUEST_DENIAL_APPEAL_TYPE	REQ DENIAL	C,9	N	PRIVACY	E
SC: Type of appeal of denial (access or amendment)					
REQUEST_DENIAL_APPEAL_UPHELD	REQ DEN APP	L	N	PRIVACY	E
SC: Indicates appeal where denial was upheld					
REQUEST_DENIED	REQUEST DEN	L	N	PRIVACY	E
SC: Indicates request was totally denied					
REQUEST_DENIED_OTHER_REASONS	REQ DENIED	M	N	PRIVACY	E
SC: Other reasons for denying request other than privacy act exemption					
REQUEST_GRANTED	REQUEST GRA	L	N	PRIVACY	E
SC: Indicates if request was either wholly or partially granted					
REQUEST_LITIGATED_APPEAL_RESULT	REQ LITIG A	L	N	PRIVACY	E
SC: Indicates an appeal whose results were litigated by individual					
REQUEST_NO_RECORD	REQUEST NO	L	N	PRIVACY	E
SC: Indicates no record was found on requested information					
REQUEST_NUMBER	REQ NUM	C,6	Y	PRIVACY	E
SC: Serial number of request for tracking appeal information					
REQUEST_TYPE	REQ TYPE	C,15	N	PRIVACY	E
SC: Indicates the type of request (to access records or to amend records)					
SEARCH_AUTHORIZATION_DATE	SEARCH AUTH	D	Y	SEARCH A	E
SC: Date search was authorized by commanding officer (or acting)					
SEARCH_AUTHORIZATION_TIME	SEARCH AUTH	T	Y	SEARCH A	E
SC: Time of search being authorized					
SEARCH_AUTH_GRANTOR_NAME	SEARCH AUTH	C,45	N	SEARCH A	E
SC: Name of person granting authorization for search (usually the CO)					
SEARCH_AUTH_GRANTOR_SIGNATURE	SEARCH AUTH	L	N	SEARCH A	E
SC: Indicates individual granting authorization for search signed form					

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SEARCH AUTH GRANTOR TITLE	SEARCH AUTH	C,20	N	SEARCH A	E
SC: Title of person granting authorization for search					
SEARCH AUTH REQUESTOR DUTY	SEARCH AUTH	C,45	N	SEARCH A	E
SC: Duty title of person requesting authorization for search					
SEARCH AUTH REQUESTOR NAME	SEARCH AUTH	C,45	N	SEARCH A	E
SC: Name of person requesting authorization for search					
SEARCH AUTH REQUESTOR SWORN	SEARCH AUTH	L	N	SEARCH A	E
SC: Indicates that requestor was duly sworn					
SEARCH AUTH REQUEST DATE	SEARCH AUTH	D	N	SEARCH A	E
SC: Date Commanding Officer was approached with a request for search					
SEARCH AUTH REQUEST REASON	SEARCH AUTH	M	N	SEARCH A	E
SC: Reasons requestor has for requesting search (or suspecting person)					
SEARCH AUTH REQUEST TIME	SEARCH AUTH	T	N	SEARCH A	E
SC: Time Commanding Officer was approached with person requesting search					
SEARCH AUTH SUSPECT ITEMS	SEARCH AUTH	C,45	N	SEARCH A	E
SC: Items requestor wishes to search for					
SEARCH AUTH SUSPECT NAME	SEARCH AUTH	C,45	N	SEARCH A	E
SC: Name of member suspected that person requests search authorization for					
SEARCH AUTH SUSPECT OFFENSE	SEARCH AUTH	C,45	N	SEARCH A	E
SC: Offense person is suspected of committing					
SEARCH AUTH SUSPECT PLACE	SEARCH AUTH	C,45	N	SEARCH A	E
SC: Place or object requestor is asking authorization to search					
SEARCH DATE	SEARCH DATE	D	Y	SEARCH C	W
SC: Date search will be conducted					
SEARCH LOCATION	SEARCH LOC	M	N	SEARCH C	W
SC: Location where search will be conducted					
SEARCH MEMBER SIGNATURE	SEARCH MEMB	L	N	SEARCH C	W
SC: Indicates member signed form, willingly giving consent to search					
SEARCH PRIMARY PERSON	SEARCH PRIM	C,45	N	SEARCH C	W
SC: Name of primary person who is conducting the search					
SEARCH PRIMARY PERSON POSITION	SEARCH PERS	C,25	N	SEARCH C	W
SC: Position of primary person conducting the search					
SEARCH RELATED INCIDENT	SEARCH REL	M	N	SEARCH C	W
SC: Incident that is being investigated, causing search					

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SEARCH SIGNATURE WITNESS1 NAME	SEARCH SIGN	C,45	N	SEARCH C	W
SC: Name of first witness who witnessed signing of consent					
SEARCH SIGNATURE WITNESS2 NAME	SEARCH SIGN	C,45	N	SEARCH C	W
SC: Name of second witness who witnessed signing of consent					
SEARCH SPACE	SEARCH SPAC	C,30	N	SEARCH C	W
SC: Space(s) being searched					
SEARCH WITNESS	SEARCH WITN	C,45	N	SEARCH C	W
SC: Name of witness assisting with search					
SEARCH WITNESS POSITION	SEARCH WITN	C,25	N	SEARCH C	W
SC: Position of witness assisting in search					
SEPARATION DATE	SEP DATE	D	N	ADMIN SE	W
SC: Date of separation					
SEPARATION TYPE	SEP TYPE	C,20	N	ADMIN SE	W
SC: Type of separation (general, other than honorable, etc)					
TRANSMITTAL LETTER DATE	TRANS LTR D	D	N	ADMIN SE	W
SC: Date of letter of transmittal					
UA ABSENCE EXCUSED UNAVOIDABLE	UA ABSENCE	L	N	RECORD O	W
SC: Indicates member's absence was determined excused and unavoidable					
UA ABSENCE NOT EXCUSED	UA ABS NOT	L	N	RECORD O	W
SC: Indicates member's UA was not excused					
UA ABSENT WITHOUT LEAVE	UA ANOL	L	N	RECORD O	W
SC: Indicates if member is absent without leave					
UA AMPLIFYING REMARKS	UA RMKS	M	N	RECORD O	W
SC: Amplifying remarks about member's UA					
UA APPREHENDED CIVIL AUTHORITY	UA APPREHEN	L	N	RECORD O	W
SC: Indicates if member on UA was apprehended by civil authorities					
UA DATE HELD CIVIL AUTHORITY	UA DATE HEL	D	N	RECORD O	W
SC: Date from which member was held and charged by civil authority(if app)					
UA DAYS LOST TIME CHARGED	UA DAYS LOS	N,3	N	RECORD O	W
SC: Number of days member was charged as lost due to UA					
UA DD553 ISSUED	UA DD553 IS	L	N	RECORD O	W
SC: Indicates if DD553 was issued if member was UA over 10 days					
UA DD616 ISSUED	UA DD616 IS	L	N	RECORD O	W
SC: Indicates if a DD 616 was issued on UA member					

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UA DD616 ISSUED_LOCATION UA DD616 LO C,45 N RECORD O W
SC: Name and location of organization that issued dd616 on UA member

UA DELIVERED TO CIVIL_AUTHORITY UA DELIV CI L N RECORD O W
SC: Indicates if member on UA was delivered to civil authority

UA DETERMINED_NOT_UA UA DET NOT L N RECORD O W
SC: Indicates member's period of UA was determined not to be unauthorized

UA EXCUSED_NUMBER_LEAVE_DAYS UA EXCUSED N,3 N RECORD O W
SC: Number of leave days member was charged if UA was excused

UA FROM DATE UA FM DATE D Y RECORD O W
SC: Date on which member began his period of UA

UA FROM TIME UA FROM TIM T Y RECORD O W
SC: Time from which member began period of UA

UA LIBERTY_START_DATE UA LIB STAR D N RECORD O W
SC: Date liberty began over which member went UA

UA LIBERTY_START_HOUR UA LIB STAR T N RECORD O W
SC: Time liberty started during which member went UA

UA MEMBER_UIC UA MEMBER U C,6 N RECORD O W
SC: Unit Identification Code of command from which member is UA

UA OVER_LEAVE UA OVER LEA L N RECORD O W
SC: Indicates if member went UA while on leave

UA OVER_LIBERTY UA OVER LIB L N RECORD O W
SC: Indicates if member began UA over liberty

UA PERSONAL_EFFECTS_COLLECTED UA PERS EFF L N RECORD O W
SC: Indicates member's (UA over 10 days) personal effects were collected

UA_REPORT_SUBMISSION_DATE UA SUBMISSI D N RECORD O W
SC: Date report of member's unauthorized absence is submitted

UA_RETURNED_APPREHENDED UA APPREHEN L N RECORD O W
SC: Indicates if member returned because he was apprehended

UA_RETURNED_ON_BOARD UA RTN ON B L N RECORD O W
SC: Indicates if UA member was returned on board the ship

UA_RETURN_MILITARY_JURISDICTION UA RTN MIL C,6 N RECORD O W
SC: UIC of command where member was returned to military jurisdiction

UA_RETURN_SURRENDERED UA SURRENDE L N RECORD O W
SC: Indicates was member returned from UA because he surrendered

UA_RETURN_TRANSFERRED_UNIT UA RTN TRAN C,45 N RECORD O W
SC: Name of activity or unit to which member was transferred after return

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UA_RETURN_TRANSFER_UIC UA RTN TRAN C,6 N RECORD O W
SC: UIC of command to which member was transferred after return from UA

UA RTN MILITARY JURISDICT DATE UA RTN MIL D N RECORD O W
SC: Date UA member was returned to military jurisdiction

UA RTN MILITARY JURISDICT PLACE UA RTN MIL C,45 N RECORD O W
SC: Name of activity where member was returned to military jurisdiction

UA RTN MILITARY JURISDICT TIME UA RTN MIL T N RECORD O W
SC: Time UA member was returned to military jurisdiction

UA_SUBMITTING_OFFICER_NAME UA SUBMITTI C,35 N RECORD O W
SC: Name of person submitting record of UA

UA_SUBMITTING_OFFICER_RANK UA SUBMIT O C,20 N RECORD O W
SC: Rank of person submitting record of UA

UA_TIME_HELD_CIVIL_AUTHORITY UA TIME HEL T N RECORD O W
SC: Time from which member was held and charged by civil authority(if app)

UA_UNIT UA UNIT C,45 N RECORD O W
SC: Name of unit from which member is UA

UA_UNIT_LOCATION UA UNIT LOC C,45 N RECORD O W
SC: Location of unit from which member is UA

APPENDIX J

DICTIONARY REPORT

This appendix contains the Dictionary Report for the consolidated data dictionary.

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DICTIONARY REPORT

DIAGRAMS REPRESENTED IN THE 'MAIN1' DICTIONARY:

CCC
ESO
LEGAL
MAA
PAO
PERSONNE
SHIPSEC
TRAINING
WELREC

OBJECTS:

1) ADMIN DISCHARGE BOARD	ADMIN DI
2) ADMIN LIBRARY ITEM	ADMIN LI
3) ADMIN SEPARATION	ADMIN SE
4) ADMIN REMARKS	RMKS
5) ADVANCEMENT	ADVANCEM
6) ADVANCEMENT EXAM	ADV EXAM
7) ARREST	ARREST
8) ASSIGNMENT_HISTORY_ITEM	ASSIGNME
9) ASVAB EXAM	ASVAB EX
10) AWARD	AWARD
11) BILLET	BILLET
12) CAPTAINS MAST	CAPTAINS
13) CCC INTERVIEW	CCC INTE
14) CERTIFICATION	CERTIFIC
15) CITIZENSHIP	CITIZENS
16) COLLATERAL DUTY	COLLATER
17) COMMAND CO/XO	CO/XO
18) COMMAND HISTORY ITEM	COMMHIST
19) CONGRESSIONAL INQUIRY	CONGRESS
20) CORRESPONDENCE ITEM	CORRESPO
21) COURSE	COURSE
22) COURT MARTIAL	COURT MA
23) CUSTODIAN	CUSTODIA
24) DAILY SCHEDULE ITEM	DAILY SC
25) DEPARTMENT	DEPT
26) DEPENDENT	DEP
27) DESIGNATOR	DESIG
28) DIVISION	DIVISION
29) DUTY PREFERENCE	DUTY PRE
30) D IDENTIFICATION	DEPID
31) EDUCATION HISTORY	EDUCATIO
32) EDUCATION SERVICES OFFICER	ESO
33) EMERGENCY_DATA	EMERG
34) ENLISTED	ENLISTED
35) ENLISTED CLASSIFICATION CODE	NEC
36) ENLISTMENT_CONTRACT	ENL_CONT

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37) ENLISTMENT_EXTENSION	ENL EXT
38) EQUIPMENT	EQUIP
39) EVIDENCE ITEM	EVIDENCE
40) FIXED	FIXED
41) FOIA RELEASE	FOIA REL
42) GROUP LIFE INSURANCE	SGLI
43) HOMETOWN INFO	HOMETOWN
44) IDENTIFICATION	ID
45) INSPECTION REQMT	INSPECTI
46) ISSUABLE	ISSUABLE
47) LEAVE	LEAVE
48) LEGAL	LEGAL
49) LEGAL ENCOUNTER	LEGAL EN
50) LEGAL LETTER	LEGAL LE
51) MASTER AT ARMS	MAA
52) MEMBER	MEMBER
53) MIL LEADERSHIP EXAM	MIL LEAD
54) NAVY SCHOOL	NAVY SCH
55) NIS INVESTIGATION	NIS INVE
56) OFF DUTY EDUCATION	OFF DUTY
57) OFFICER	OFFICER
58) ORDERS	ORDERS
59) OTHER COURSE	OTHER CO
60) PAO	PAO
61) PERFORMANCE DEVELOPMENT BOARD	PDB
62) PERFORMANCE TEST	PERFORMA
63) PERFORMANCE EVAL	EVAL
64) PERSONNEL ADVANCEMENT REQMTS	PARS
65) PQS	PQS
66) PQS ITEM	PQS ITEM
67) PRESS RELEASE	PRESS RE
68) PRIOR MIL SERVICE	PRIOR MI
69) PRIVACY ACT REQUEST	PRIVACY
70) PROMOTION	PROMOTIO
71) RECORD OF UA	RECORD O
72) RETENTION PROGRAM	RETENTIO
73) SCHOOL PREFERENCE	SCHOOL P
74) SCHOOL QUOTA	SCHOOL Q
75) SCHOOL/NEC REQMT	SCHOOL/N
76) SEARCH AUTHORIZATION	SEARCH A
77) SEARCH CONSENT	SEARCH C
78) SHIP SECRETARY	SHIP SEC
79) SHIPS GUEST	SHIPS GU
80) SPECIAL STUDY	SPECIAL
81) TICKET	TICKET
82) TICKET BLOCK	TICKET B
83) TICKLER ITEM	TIC ITEM
84) TRAINING	TRAINING
85) TRAINING COURSE	TRAIN C
86) TRAINING LECTURE	TRAINLEC
87) TRANSFER ADDRESS	TRANSFER
88) TRANSFER INFO	TRANSFER

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89) TYCOM EXERCISE	TYCOM EX
90) URINALYSIS TEST	URINALYS
91) WELFARE & RECREATION	WELREC
92) WORK CENTER	WORK CEN
93) accomplishes	accompli
94) achieved by	achieved
95) achieves	achieves
96) administered	administ
97) assigned	assnd
98) assigned to	assgn
99) attends	attends
100) authorized	authoriz
101) belongs to	belongs
102) checks out	checks o
103) completes	complete
104) conducted on	conducte
105) conducts	conducts
106) consists of	consists
107) contains	contains
108) controls	controls
109) coordinates	coordina
110) could be	could be
111) d assigned	d assign
112) earns	earns
113) files	files
114) generates	generate
115) given	given
116) given to	given to
117) granted	granted
118) has	has
119) headed by	headed b
120) held on	held on
121) holds	holds
122) involved in	involved
123) is kept	is kept
124) is met	is met
125) is tracked	is track
126) joins	joins
127) keeps	keeps
128) kept on	kept on
129) maintains	maints
130) makes	makes
131) may be	may be
132) may complete	may comp
133) may have	may have
134) may be	may be
135) meets	meets
136) monitors	monitors
137) obtained by	obtained
138) obtains	obtains
139) oversees	oversees
140) participates in	particip

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141) performed by	performe
142) performs	performs
143) presented	presente
144) provides	provides
145) receives	receives
146) responds to	responds
147) responsible for	responsi
148) runs	runs
149) selected by	selected
150) signed by	signed b
151) signs	signs
152) sponsors	sponsors
153) submits	submits
154) submitted by	submitte
155) supervised by	supervis
156) taken to	taken to
157) takes	takes
158) tracked by	tracked
159) tracks	tracks
160) utilizes	utilizes

ATTRIBUTES:

1) ADMINISTRATIVE_REMARKS	REMARKS	M
2) ADMINISTRATIVE_REMARKS_DATE	ADMIN RMKS DATE	D
3) ADMIN_ITEM_CHANGE_NUMBER	ADMIN ITEM CHANGE NUM	C,3
4) ADMIN_ITEM_DESCRIPTION	ADMIN ITEM DESC	C,30
5) ADMIN_ITEM_ISSUE_DATE	ADMIN ITEM DATE	D
6) ADMIN_ITEM_LOCATION	ADMIN ITEM LOC	C,25
7) ADMIN_ITEM_NAME	ADMIN ITEM NAME	C,30
8) ADMIN_ITEM_NUMBER_OF_COPIES	ADMIN ITEM NUM OF COPIES	N,2
9) ADVANCEMENT_DATE	ADV DATE	D
10) ADV_EXAM_ACTIVITY_UNIT_ID_CODE	ADV EXAM ACT UIC	C,5
11) ADV_EXAM_CYCLE	ADV EXAM CYCLE	C,8
12) ADV_EXAM_DATE	ADV EXAM DATE	D
13) ADV_EXAM_DATE_DESTROYED	ADV EXAM DATE DEST	D
14) ADV_EXAM_DATE_TRANSFERRED	ADV EXAM DATE TRANS	D
15) ADV_EXAM_FINAL_MULTIPLE	ADV EXAM SCORE	N,5,

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2	16) ADV_EXAM_MINIMUM_MULTIPLE_REQ	ADV EXAM MIN MULT REQ	N,5,
2	17) ADV_EXAM_RATE	ADV EXAM RATE	C,5
	18) ADV_EXAM_RATING	ADV EXAM RATING	C,5
	19) ADV_EXAM_RECOMMENDATION	ADV EXAM REC	L
	20) ADV_EXAM_SECTION_NUMBER	ADV EXAM SECT NUM	N,2
	21) ADV_EXAM_SECTION_STANDING_CODE	ADV EXAM SECT CODE	C,2
	22) ADV_EXAM_SERIAL_NUMBER	ADV EXAM SER NUM	N,10
	23) ADV_EXAM_SERIES	ADV EXAM SERIES	N,7
	24) ADV_EXAM_STANDARD_SCORE	ADV EXAM SS	N,2
	25) ADV_EXAM_UIC_TRANSFERRED_TO	ADV EXAM TRANS UIC	C,5
	26) ALIEN_BORN_ABROAD_US_PARENTS	ALIEN BORN ABROAD US PARENTS	L
	27) ALIEN_DERIVED_NATURALIZED_PARENT	ALIEN NATURALIZED PARENT	L
	28) ALIEN_DUAL_CITIZENSHIP	ALIEN DUAL CIT	L
	29) ALIEN_PERMANENT_RESIDENCE_STATUS	ALIEN PERM RES STATUS	L
	30) ALIEN_REGISTRATION_NUMBER	ALIEN REG NUM	C,30
	31) ALIEN_US_CITIZEN_INTENT	ALIEN US CIT INTENT	L
	32) ARMED_FORCES_QUAL_TEST_SCORE	AFQT SCORE	N,3
	33) ARRESTING_AGENCY	ARR AGENCY	C,25
	34) ARRESTING_AGENCY_CITY	ARR AGENCY CITY	C,25
	35) ARRESTING_AGENCY_STATE	ARR AGENCY STATE	C,2
	36) ARREST_COURT_CITY	ARR COURT CITY	C,25
	37) ARREST_COURT_NAME	ARR COURT NAME	C,40
	38) ARREST_COURT_STATE	ARR COURT STATE	C,2
	39) ARREST_DATE	ARREST DATE	D
	40) ARREST_DISPOSITION	ARR DISP	C,40
	41) ARREST_OFFENSE	ARREST OFFENSE	C,25

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42) ASVAB_ADMINISTERING_ACTIVITY	ASVAB ADMIN ACT	C,30
43) ASVAB_ADMINISTERING_LOCATION	ASVAB LOC	C,30
44) ASVAB_DATE_TAKEN	ASVAB DATE	D
45) ASVAB_FORM_NUMBER	ASVAB FORM NUM	C,3
46) ASVAB_PREPARING_ACTIVITY	ASVAB PREP ACT	C,25
47) ASVAB_PREPARING_ACTIVITY_CITY	ASVAB PREP ACT CITY	C,25
48) ASVAB_PREPARING_ACTIVITY_CODE	ASVAB PREP ACT CODE	C,4
49) ASVAB_PREPARING_ACTIVITY_STATE	ASVAB PREP ACT STATE	C,2
50) ASVAB_SCORE_DATE_PREPARED	ASVAB SCORE DATE PREP	D
51) ASVAB_TEST_NUMBER	ASVAB TEST NUM	C,2
52) ASVAB_TYPEA_ARITHMETIC_REASONING	ASVAB TYPE A AR	N,3
53) ASVAB_TYPEA_AUTOMATIVE_SHOP	ASVAB TYPEA AS	N,3
54) ASVAB_TYPEA_CODING_SPEED	ASVAB TYPEA CS	N,3
55) ASVAB_TYPEA_ELECTRONIC_INFO	ASVAB TYPEA EI	N,3
56) ASVAB_TYPEA_GENERAL_SCIENCE	ASVAB TYPEA GS	N,3
57) ASVAB_TYPEA_MATHEMATIC_KNOWLEDGE	ASVAB TYPEA MK	N,3
58) ASVAB_TYPEA_MECHANICAL_COMPREHEN	ASVAB TYPEA MC	N,3
59) ASVAB_TYPEA_NUMERICAL_OPERATIONS	ASVAB TYPEA NO	N,3
60) ASVAB_TYPEA_PARAGRAPH_COMPREHEND	ASVAB TYPEA PC	N,3
61) ASVAB_TYPEA_VERBAL_ANALOGY	ASVAB TYPEA VE	N,3
62) ASVAB_TYPEA_WORD_KNOWLEDGE	ASVAB TYPEA WK	N,3
63) ASVAB_TYPEB_ARITHMETIC_REASONING	ASVAB TYPEB AR	N,3
64) ASVAB_TYPEB_ATTENTION_TO_DETAIL	ASVAB TYPEB AD	N,3
65) ASVAB_TYPEB_AUTO_INFORMATION	ASVAB TYPEB AI	N,3
66) ASVAB_TYPEB_ELECTRONIC_INFO	ASVAB TYPEB EI	N,3
67) ASVAB_TYPEB_GENERAL_INFORMATION	ASVAB TYPEB GI	N,3

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68) ASVAB_TYPEB_GENERAL_SCIENCE	ASVAB TYPEB GS	N,3
69) ASVAB_TYPEB_MATHEMATIC_KNOWLEDGE	ASVAB TYPEB MK	N,3
70) ASVAB_TYPEB_MECHANICAL_COMPREHEN	ASVAB TYPEB MC	N,3
71) ASVAB_TYPEB_NUMERICAL_OPERATIONS	ASVAB TYPEB NO	N,3
72) ASVAB_TYPEB_SHOP_INFORMATION	ASVAB TYPEB SI	N,3
73) ASVAB_TYPEB_SPACE_PERCEPTION	ASVAB TYPEB SP	N,3
74) ASVAB_TYPEB_WORD_KNOWLEDGE	ASVAB TYPEB WK	N,3
75) AWARENESS_STATEMENT_DATE	AWARE STMT DATE	D
76) BILLET_AUTHORIZED_RATING	BILLET AUTH RATING	C,5
77) BILLET_NAME	BILLET NAME	C,30
78) BILLET_NUMBER	BILLET NUMBER	C,10
79) BOARD_AWARNESS_STATEMENT_DATE	BD AWARE STMT DATE	D
80) BOARD_DATE	BD DATE	D
81) BOARD_DATE_RECORD_COMPLETED	BD DATE RECORD COMPL	D
82) BOARD_DEFENSE_COUNSEL_NAME	BD DEF COUNSEL NAME	C,45
83) BOARD_DISCHARGE_APPROVED_DATE	BD DISCH APP DATE	D
84) BOARD_DISCHARGE_AUTHORIZED_DTG	BD DISCH AUTH DTG	C,12
85) BOARD_DISCHARGE_DATE	BD DISCH DATE	D
86) BOARD_NOTIFICATION_DATE	BD NOTIF DATE	D
87) BOARD_RECORDER_NAME	BD RECORDER NAME	C,45
88) BOARD_RECORDER_PHONE	BD RECORDER PHONE	C,8
89) BOARD_REQUESTED	BD REQ	L
90) BOARD_SENT_TO_NMPC_DATE	BD NMPC DATE	D
91) CAREER_INTENSIONS_CODE	CAREER INTENT CODE	C,1
92) CCC_INTERVIEW_CAREER_INTENTIONS	CCC CAREER INT	C,50
93) CCC_INTERVIEW_COMMENTS	CCC COMENTS	C,10

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94) CCC_INTERVIEW_DATE	CCC INTERVIEW DATE	D
95) CCC_INTERVIEW_LAST_UPDATED_BY	CCC INTERVIEW LAST UPD	C,3
96) CCC_INTERVIEW_LAST_UPDATED_DATE	CCC INTERVIEW LAST UPD DATE	D
97) CCC_INTERVIEW_TYPE	INTERVIEW TYPE	C,15
98) CERTIFICATION_ACHIEVED_DATE	CERT ACHIEVED DATE	D
99) CERTIFICATION_ACHIEVED_REMARKS	CERT ACHIEVED RMKS	C,50
100) CERTIFICATION_DATE	CERTIFICATION DATE	D
101) CERTIFICATION_NAME	CERT NAME	C,25
102) CERTIFICATION_REQUAL_DATE	CERT REQ DATE	D
103) CHECK_OUT_DATE	CK OUT DATE	D
104) CHECK_OUT_RETURN_DATE	CK OUT RTN DATE	D
105) CITIZENSHIP_COMMENTS	CITIZEN COMMENTS	M
106) CITIZENSHIP_STATUS_CODE	CITIZEN STATUS CODE	C,15
107) CM_ACCOUSED_ABSENT_INVESTIGATION	CM ACC ABSENT INVEST	M
108) CM_ACCOUSED_DEFER_CONFINE_RIGHT	CM ACC DEFER CONFINE RIGHT	L
109) CM_ACCOUSED_INFORMED_CHARGE_DATE	CM ACC INFORMED DATE	D
110) CM_ACCOUSED_RIGHTS_INFORMED_DATE	CM ACC RIGHTS INFORMED DATE	D
111) CM_ACCOUSED_RIGHTS_INFORM_PLACE	CM ACC RIGHTS INFORMED PLACE	C,45
112) CM_ACCOUSED_RIGHTS_SIGNED	CM ACC RIGHTS SIGN	L
113) CM_ACCOUSED_RIGHTS_WAIVED	CM ACC RIGHTS WAIVED	L
114) CM_ACCOUSED_RIGHTS_WAIVED_RMKS	CM ACC RIGHTS WAIVED RMKS	M
115) CM_ACCOUSED_WRITTEN_MATTER_RIGHT	CM ACC WRITTEN MATT RIGHT	L
116) CM_ACCOUSER_SIGN_CHARGES_DATE	CM ACCOUSER SIGN CH DATE	D
117) CM_ACCOUSER_SIGN_CHARGE_SHEET	CM ACCOUSER SIGN CH SHEET	L
118) CM_ACCOUSER_AFFIDAVIT_DATE	CM ACCOUSER AFF DATE	D
119) CM_ACCUSED_NATURE_PRE_RESTRAINT	CM ACC NATURE RESTRAINT	C,30

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120)	CM_ACCUSED_PRE_RESTRAINT_TO_DATE	CM ACC PRE REST TO DATE	D
121)	CM_ACCUSED_RIGHTS_NOTIFICATION	CM ACC RIGHTS NOTIFY	L
122)	CM_ACC_PRE_RESTRAINT_FROM_DATE	CM PRE RESTRAINT FM DATE	D
123)	CM_ACTION_DATE	CM ACT DATE	D
124)	CM_ASSISTANT_DEFENSE_COUNSEL	CM ASSIST DEF COUNSEL	C, 45
125)	CM_ASSIST_DEFENSE_COUNSEL_RANK	CM ASSIST DEF COUNSEL RANK	C, 20
126)	CM_ASSIST_DEFENSE_COUNSEL_UNIT	CM ASSIST DEF COUNSEL UNIT	C, 45
127)	CM_ASSIST_DEF_COUNSEL_UNIT_ADDR	CM ASSIST DEF COUNSEL UNIT ADDR	C, 45
128)	CM_AUTHENTICATION_DATE	CM AUTH DATE	D
129)	CM_AUTHENTICATION_SIGNATURE	CM AUTH SIGN	L
130)	CM_CHARGE_SPECIFICATION	CM SPECIFICATION	M
131)	CM_CHARGE_SPECIFICATION_FINDINGS	CM CHARGE SPEC FIND	M
132)	CM_CHARGE_SPECIFICATION_PLEA	CM CH SPEC PLEA	C, 2
133)	CM_CHECKAGE_MONTHLY_AMOUNT	CM CHECK MONTH AMT	\$
134)	CM_CHECKAGE_NUMBER_MONTHS	CM CHECK NUM MTHS	N, 2
135)	CM_CONFINEMENT_DEFER_END_DATE	CM CONF DEFER END DATE	D
136)	CM_CONFINEMENT_DIRECTED_TIME	CM CONF DIRECTED TIME	T
137)	CM_CONFINEMENT_FACILITY	CM CONF FACILITY	C, 45
138)	CM_CONFINEMENT_MEDICALLY_FIT	CM CONF MED FIT	L
139)	CM_CONFINEMENT_MEDICAL_EXAM_DATE	CM CONF MEDICAL EXAM DATE	D
140)	CM_CONFINEMENT_MEDICAL_EXAM_TIME	CM CONF MED EXAM TIME	T
141)	CM_CONFINEMENT_MEDICAL_IRREGULAR	CM CONF MED IRREG	M
142)	CM_CONFINEMENT_MEDICAL_OFFICER	CM CONF MED OFF	C, 45
143)	CM_CONFINEMENT_MEDICAL_OFF_SIGN	CM CONF MED OFF SIGN	L
144)	CM_CONFINEMENT_ORDER_FROM_DATE	CM CONF ORDER FM DATE	D
145)	CM_CONFINEMENT_ORDER_TO_DATE	CM CONF ORDER TO DATE	D

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146) CM_CONFINEMENT_RECEIPT_DATE	CM CONF RCPT DATE	D
147) CM_CONFINEMENT_RECEIPT_OFFICER	CM CONF RCPT OFF	C, 45
148) CM_CONFINEMENT_RECEIPT_SIGNATURE	CM CONF RCPT SIGN	L
149) CM_CONFINEMENT_RECEIPT_TIME	CM CONF RCPT TIME	T
150) CM_CONFINEMENT_REMARKS	CM CONF RMKS	M
151) CM_CONSENT_TO_CHECKAGE	CM CHECK CONSENT	L
152) CM_CONVENING_AUTHORITY_ACTION	CM CONV AUTH ACTION	M
153) CM_CONVENING_AUTHORITY_NAME	CM CONV AUTH NAME	C, 45
154) CM_CONVENING_AUTHORITY_POSITION	CM CONV AUTH POSIT	C, 30
155) CM_CONVENING_AUTHORITY_RANK	CM CONV AUTH RANK	C, 20
156) CM_CONVENING_AUTHORITY_SIGNATURE	CM CONV AUTH SIGN	L
157) CM_CONVENING_AUTHORITY_SIGN_DATE	CM CONV AUTH SIGN DATE	D
158) CM_DAYS_LOST_TIME_CONFINEMENT	CM DAYS LOST CONF	N, 3
159) CM_DEFENSE_COUNSEL_NAME	CM DEF COUNSEL NAME	C, 45
160) CM_DEFENSE_COUNSEL_RANK	CM DEF COUNSEL RANK	C, 20
161) CM_DEFENSE_COUNSEL_UNIT	CM DEF COUNSEL UNIT	C, 45
162) CM_DEFENSE_COUNSEL_UNIT_ADDRESS	CM DEF COUNSEL UNIT ADD	C, 45
163) CM_DETENTION_MONTHLY_AMOUNT	CM DETEN MTHLY AMT	\$
164) CM_DETENTION_NUMBER_MONTHS	CM DETEN NUM MTHS	N, 2
165) CM_DETENTION_REFUND_DATE	CM DETEN REFUND DATE	D
166) CM_EVIDENCE_ACCUSED_EXAMINED	CM EVID ACC EXAM	L
167) CM_EVIDENCE_DESCRIPTION	CM EVIDENCE DESC	C, 45
168) CM_FORFEITURE_MONTHLY_AMOUNT	CM FORF AMT	\$
169) CM_FORFEITURE_NUMBER_MONTHS	CM FORF MONTHS	N, 2
170) CM_FORFEITURE_OF_PAY	CM FORF PAY	L
171) CM_IMMEDIATE_COMMANDER_NAME	CM IMMED COMM NAME	C, 45

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172)	CM_IMMEDIATE_COMMANDER_RANK	CM IMMED COMM RANK	C,20
173)	CM_IMMEDIATE_COMMANDER_SIGNATURE	CM IMMED COMM SIGN	L
174)	CM_IMMEDIATE_COMMANDER_UNIT	CM IMMED COMM UNIT	C,45
175)	CM_INVESTIGATING_OFFICER_FINDING	CM INVEST OFF FIND	M
176)	CM_INVESTIGATING_OFFICER_NAME	CM INVEST OFF NAME	C,45
177)	CM_INVESTIGATING_OFFICER_RANK	CM INVEST OFF RANK	C,20
178)	CM_INVESTIGATING_OFFICER_UNIT	CM INVEST OFF UNIT	C,45
179)	CM_INVESTIGATION_CHECKLIST	CM INVEST CHECKLIST	L
180)	CM_INVESTIGATION_REPORT_DATE	CM INVEST REPORT DATE	D
181)	CM_INVESTIGATION_WITNESS_ADDRESS	CM INVEST WITNESS ADDR	C,45
182)	CM_INVESTIGATION_WITNESS_NAME	CM INVEST WIT NAME	C,45
183)	CM_INVESTIGATION_WITNESS_RANK	CM INVEST WITNESS RANK	C,20
184)	CM_INVESTIGATION_WITNESS_STMT	CM INVEST WITNESS STMT	M
185)	CM_INVESTIGATION_WITNESS_UNIT	CM INVEST WITNESS UNIT	C,45
186)	CM_JUDICIAL_CONFINEMENT_CREDITS	CM JUDGE CONF CREDITS	N,2
187)	CM_PRETRIAL_AGREEMENT_TERMS	CM PRETRIAL AGREE TERMS	M
188)	CM_PRETRIAL_CONFINEMENT_CREDITS	CM PRETRIAL CONF CREDITS	N,2
189)	CM_PRETRIAL_CONFINEMENT_REASON	CM PRETRIAL CONF REASON	C,45
190)	CM_RATE_ADJUSTED_TO	CM RATE ADJ TO	C,6
191)	CM_RATE_ADJUSTMENT	CM RATE ADJ	L
192)	CM_REFERRAL_OFFICER_CAPACITY	CM REF OFF CAP	C,30
193)	CM_REFERRAL_SPECIAL_INSTRUCTIONS	CM REF SPEC INSTRS	M
194)	CM_SWORN_CHARGES_RECEIPT_OFF_RANK	CM SWORN CHARGES RCPT OFF RANK	C,20
195)	CM_SWORN_CHARGES_RECEIPT_DATE	CM SWORN CHARGES RCPT DATE	D
196)	CM_SWORN_CHARGES_RECEIPT_OFFICER	CM SWORN CHARGES RCPT OFF	C,45
197)	CM_SWORN_CHARGES_RECEIPT_TIME	CM SWORN CHARGES RCPT TIME	T

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198)	CM_SWORN_CHARGES_RECEIPT_UNIT	CM SWORN CHARGES RCPT UNIT	C, 45
199)	CM_SWORN_CHARGE_RCPTOFF_CAPACITY	CM SWORN CH RCPT OFF CAPACITY	C, 30
200)	CM_TRIAL_COUNSEL_RCPT_SIGNATURE	CM TRIAL COUNSEL RCPT SIGN	L
201)	CM_TRIAL_COUNSEL_RECEIPT_DATE	CM TRIAL COUNSEL RCPT DATE	D
202)	COLLATERAL_DUTY_NAME	COLL DUTY NAME	C, 45
203)	COLLEGE_DEGREE_TYPE	COLL DEGREE	C, 25
204)	COLLEGE_GRADUATION_DATE	COLLEGE GRAD DATE	D
205)	COLLEGE_LEVEL_ENTRANCE_EXAM_DATE	COLLEGE EXAM DATE	D
206)	COLLEGE_LEVEL_ENTRANCE_EXAM_TYPE	COLLEGE EXAM TYPE	C, 10
207)	COLLEGE_MAJOR	COLL MAJOR	C, 25
208)	COLLEGE_MINOR	COLL MINOR	C, 25
209)	COLLEGE_NAME	COLLEGE	C, 25
210)	COLLEGE_NUMBER	COLL NUMBER	N, 2
211)	COLLEGE_STATE	COLLEGE STATE	C, 2
212)	COMMAND_CO/XO_FROM_DATE	COMM CO/XO FROM DATE	D
213)	COMMAND_CO/XO_INDICATOR	COMM CO/XO INDICATOR	C, 2
214)	COMMAND_CO/XO_NAME	COMM CO/XO NAME	C, 45
215)	COMMAND_CO/XO_TO_DATE	COMM CO/XO TO DATE	D
216)	COMMAND_HISTORY_ITEM_DATE	COMM HIST ITEM DATE	D
217)	COMMAND_HISTORY_ITEM_DESCRIPTION	COMM HIST ITEM DESC	C, 45
218)	CORRESPOND_ITEM_DATE	CORRES ITEM DATE	D
219)	CORRESPOND_ITEM_DESCRIPTION	CORRES ITEM DESC	C, 40
220)	CORRESPOND_ITEM_SERIAL_NUMBER	CORRES ITEM SER NUM	C, 5
221)	CORRESPOND_ITEM_SSIC	CORRES ITEM SSIC	C, 6
222)	COURSE_GRADE	GRADE	C, 3
223)	COURSE_NAME	C NAME	C, 25

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224)	COURSE_NUMBER	COURSE NUM	C,15
225)	COURSE_UPDATED_BY	C UPDATE BY	C,3
226)	COURT_MARTIAL_ACCOUSER_NAME	CM ACCOUSER NAME	C,45
227)	COURT_MARTIAL_ACCOUSER_RANK	CM ACCOUSER RANK	C,20
228)	COURT_MARTIAL_ACCOUSER_UNIT	CM ACCOUSER UNIT	C,45
229)	COURT_MARTIAL_ACCUSED_COUNSEL	CM ACCUSED COUNSEL	L
230)	COURT_MARTIAL_ACCUSED_UNIT	CM ACCUSED UNIT	C,45
231)	COURT_MARTIAL_ACC_COUNSEL_NAME	CM ACCUSED COUNSEL NAME	C,45
232)	COURT_MARTIAL_ACC_COUNSEL_QUALS	CM ACCUSED COUNSEL QUALS	M
233)	COURT_MARTIAL_ACC_COUNSEL_RANK	CM ACCUSED COUNSEL RANK	C,20
234)	COURT_MARTIAL_CHARGE	CM CHARGE	C,10
235)	COURT_MARTIAL_CHARGE_FINDING	CM CHARGE FINDING	M
236)	COURT_MARTIAL_CHARGE_PLEA	CM CHARGE PLEA	C,2
237)	COURT_MARTIAL_CONVENING_AUTH	CM CONVENING AUTHORITY	C,45
238)	COURT_MARTIAL_CONVENING_DATE	CM CONV DATE	D
239)	COURT_MARTIAL_CONV_AUTH_POSITION	CM CONV AUTH POS	C,20
240)	COURT_MARTIAL_CONV_AUTH_RANK	CM CONVENING AUTH RANK	C,15
241)	COURT_MARTIAL_CONV_AUTH_UNIT	CM CONV AUTH UNIT	C,45
242)	COURT_MARTIAL_CURRENT_RANK	CM CURRENT RANK	C,5
243)	COURT_MARTIAL_DAYS_LOST_TIME	CM DAYS LOST	N,3
244)	COURT_MARTIAL_DETENTION	CM DETENTION	L
245)	COURT_MARTIAL_EVIDENCE_LOCATION	CM EVID LOC	C,45
246)	COURT_MARTIAL_FINE	CM FINE	L
247)	COURT_MARTIAL_FINE_AMOUNT	CM FINE AMT	\$
248)	COURT_MARTIAL_FORUM	CM FORUM	C,25
249)	COURT_MARTIAL_NAME	CM NAME	C,45

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250)	COURT_MARTIAL_PRELIMINARY_DATE	CM PRELIM DATE	D
251)	COURT_MARTIAL_PRELIMINARY_RMKS	CM PRELIM RMKS	M
252)	COURT_MARTIAL_RANK	CM RANK	C,20
253)	COURT_MARTIAL_REFERRAL_AUTHORITY	CM REF OFF	M
254)	COURT_MARTIAL_REFERRAL_COMMAND	CM REF COMMAND	C,45
255)	COURT_MARTIAL_REFERRAL_DATE	CM REF DATE	D
256)	COURT_MARTIAL_REFERRAL_OFFICER	CM REFER OFF	C,45
257)	COURT_MARTIAL_REFERRAL_OFF_RANK	CM REF OFF RANK	C,20
258)	COURT_MARTIAL_REFERRAL_OFF_SIGN	CM REF OFF SIGN	L
259)	COURT_MARTIAL_REFERRAL_PLACE	CM REFERRAL PLACE	C,30
260)	COURT_MARTIAL_REFERRAL_TYPE	CM REF TYPE	C,7
261)	COURT_MARTIAL_SENTENCE	CM SENTENCE	M
262)	COURT_MARTIAL_TRIAL_COUNSEL_NAME	CM TRIAL COUNSEL NAME	C,45
263)	COURT_MARTIAL_TRIAL_COUNSEL_RANK	CM TRIAL COUNSEL RANK	C,20
264)	COURT_MARTIAL_UNIT	CM UNIT	C,45
265)	CURRENT_CITIZENSHIP	CURR CITIZENSHIP	C,30
266)	CUSTODIAN_ACTIVITY	CUST ACTIVITY	C,45
267)	CUSTODIAN_CHANGE_PURPOSE	CUSTODIAN CHANGE PURPOSE	C,25
268)	CUSTODIAN_FROM_DATE	CUST FM DATE	D
269)	CUSTODIAN_GRADE	CUST GRADE	C,5
270)	CUSTODIAN_NAME	CUST NAME	C,45
271)	CUSTODIAN_SIGNATURE	CUST SIGN	L
272)	CUSTODIAN_TITLE	CUST TITLE	C,45
273)	CUSTODIAN_TO_DATE	CUST TO DATE	D
274)	DAILY_SCHEDULE_ITEM_DATE	DAILY SCHED ITEM DATE	D
275)	DAILY_SCHEDULE_ITEM_DESCRIPTION	DAILY SCHED ITEM DESC	C,45

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276) DAILY_SCHEDULE_ITEM_END_TIME	DAILY SCHED ITEM END	T
277) DAILY_SCHEDULE_ITEM_NAME	DAILY SCHED ITEM NAME	C, 45
278) DAILY_SCHEDULE_ITEM_PERSON_RESP	DAILY SCHED ITEM PERSON RESP	C, 45
279) DAILY_SCHEDULE_ITEM_REMARKS	DAILY SCHED ITEM RMKS	M
280) DAILY_SCHEDULE_ITEM_START_TIME	DAILY SCHED ITEM START TIME	T
281) DAILY_SCHEDULE_ITEM_TIME	DAILY SCHED ITEM TIME	T
282) DATE COURSE COMPLETED	DATE COM	D
283) DATE_ASSIGNED	DATE ASSIGNED	D
284) DATE_COMPLETED	DATE	D
285) DATE_LAST_CERTIFIED	CERT DATE	D
286) DEPARTMENT/DIVISION_ASSIGNED	DEPT DIV ASSIGNED	C, 30
287) DEPARTMENT_HEAD_NAME	DEPT HEAD NAME	C, 45
288) DEPARTMENT_LOCATION	DEPT LOC	C, 30
289) DEPARTMENT_NAME	DEPT NAME	C, 15
290) DEPARTMENT_PHONE	DEPT PHONE	C, 7
291) DEPENDENT_BIRTH_DATE	DEPENDENT BIRTH DATE	D
292) DEPENDENT_COUNTRY_NAME	DEPENDENT COUNTRY	C, 15
293) DEPENDENT_CURRENT_CITY	DEPENDENT CITY	C, 25
294) DEPENDENT_CURRENT_COUNTRY	DEP CURR CTRY	C, 20
295) DEPENDENT_CURRENT_STATE	DEPENDENT STATE	C, 2
296) DEPENDENT_CURRENT_STREET	DEPENDENT STREET	C, 45
297) DEPENDENT_CUSTODIAN	DEP CUST	C, 30
298) DEPENDENT_ELIGIBILITY_DATE	DEPENDENT ELIGIBILITY	D
299) DEPENDENT_ELIGIBILITY_END_REASON	DEPENDENT ELIGIBILITY END REASON	C, 25
300) DEPENDENT_EYE_COLOR_CODE	DEPENDENT EYE COLOR	C, 5
301) DEPENDENT_FIRST_NAME	DEPENDENT FIRST NAME	C, 20

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302) DEPENDENT_HAIR_COLOR_CODE	DEPENDENT HAIR COLOR	C,15
303) DEPENDENT_HEIGHT_INCHES	DEPENDENT HEIGHT	N,4
304) DEPENDENT_ID_CARD_EXPIRE_DATE	DEPENDENT ID CARD EXPIRE DATE	D
305) DEPENDENT_ID_CARD_ISSUER_GRADE	DEP ID CARD ISSUER GRADE	C,5
306) DEPENDENT_ID_CARD_ISSUER_NAME	DEPENDENT ID CARD ISSUER NAME	C,45
307) DEPENDENT_ID_CARD_ISSUER_PHONE	DEP ID CARD ISSUER PHONE	N,12
308) DEPENDENT_ID_CARD_ISSUER_TITLE	DEP ID CARD ISSUER TITLE	C,15
309) DEPENDENT_ID_CARD_ISSUER_UNIT	DEP ID CARD ISSUER UNIT	C,5
310) DEPENDENT_ID_CARD_ISSUE_DATE	DEPENDENT ID CARD ISSUE DATE	D
311) DEPENDENT_ID_CARD_NUMBER	DEPENDENT ID CARD NUMBER	C,12
312) DEPENDENT_ID_CARD_REMARKS	DEP ID CARD REMARKS	M
313) DEPENDENT_ID_CARD_SIGNATURE_DATE	DEP ID CARD SIGNATURE DATE	D
314) DEPENDENT_ID_CARD_VERIFY_PHONE	DEP ID CARD VERIFICATION PHONE	N,12
315) DEPENDENT_ID_CARD_VERIFY_DATE	DEP ID CARD VERIFICATION DATE	D
316) DEPENDENT_ID_CARD_VERIFY_GRADE	DEPENDENT ID VERIFICATION GRADE	C,5
317) DEPENDENT_ID_CARD_VERIFY_NAME	DEPENDENT ID VERIFICATION NAME	C,45
318) DEPENDENT_ID_CARD_VERIFY_TITLE	DEP ID CARD VERIFICATION TITLE	C,15
319) DEPENDENT_ID_CARD_VERIFY_UNIT	DEPENDENT ID VERIFICATION UNIT	C,5
320) DEPENDENT_INCAPACITY_CODE	DEPENDENT INCAPACITY CODE	C,5
321) DEPENDENT_LAST_NAME	DEPENDENT LAST NAME	C,20
322) DEPENDENT_MARRIAGE_DATE	MARRIAGE DATE	D
323) DEPENDENT_MEDICARE_STATUS	DEPENDENT MEDICARE	C,5
324) DEPENDENT_MIDDLE_NAME	DEPENDENT MIDDLE NAME	C,20
325) DEPENDENT_PRIVILEGE_CODES	DEPENDENT PRIVILEGES	C,10
326) DEPENDENT_RELATIONSHIP	DEPENDENT RELATIONSHIP	C,15
327) DEPENDENT_SEX_CODE	DEPENDENT SEX	C,1

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328)	DEPENDENT_SOCIAL_SECURITY_NUMBER	DEPENDENT SOCIAL SECURITY NUMBER	C,11
329)	DEPENDENT_STATUS	DEP STATUS	C,15
330)	DEPENDENT_TELEPHONE_NUMBER	DEPENDENT PHONE	C,12
331)	DEPENDENT_WEIGHT_POUNDS	DEPENDENT WEIGHT	N,4
332)	DIVISION_LOCATION	DIV LOC	C,30
333)	DIVISION_NAME	DIV NAME	C,30
334)	DIVISION_OFFICER_NAME	DIV OFF NAME	C,45
335)	DIVISION_PHONE	DIV PHONE	C,8
336)	DUTY/ACTIVITY_CODE_FIRST_CHOICE	DUTY ACT CODE FIRST CHOICE	C,4
337)	DUTY/ACTIVITY_CODE_SECOND_CHOICE	DUTY ACT CODE SEC CHOICE	C,4
338)	DUTY/ACTIVITY_CODE_THIRD_CHOICE	DUTY ACT CODE THIRD CHOICE	C,4
339)	DUTY/ACTIVITY_TYPE_FIRST_CHOICE	DUTY ACT TYPE FIRST CHOICE	C,20
340)	DUTY/ACTIVITY_TYPE_SECOND_CHOICE	DUTY ACT TYPE SEC CHOICE	C,4
341)	DUTY/ACTIVITY_TYPE_THIRD_CHOICE	DUTY ACT TYPE THIRD CHOICE	C,20
342)	DUTY_DATE_SUBMITTED	DUTY DATE SUBM	D
343)	DUTY_LOCATION_CODE_FIRST_CHOICE	DUTY LOC CODE FIRST CHOICE	C,3
344)	DUTY_LOCATION_CODE_SECOND_CHOICE	DUTY LOC CODE SEC CHOICE	C,3
345)	DUTY_LOCATION_CODE_THIRD_CHOICE	DUTY LOC CODE THIRD CHOICE	C,3
346)	DUTY_LOCATION_FIRST_CHOICE	DUTY LOC FIRST CHOICE	C,20
347)	DUTY_LOCATION_SECOND_CHOICE	DUTY LOC SEC CHOICE	C,20
348)	DUTY_LOCATION_THIRD_CHOICE	DUTY LOC THIRD CHOICE	C,20
349)	DUTY_PREFERENCE_LAST_UPDATE_DATE	DUTY PREF LAST UPD DATE	D
350)	DUTY_TYPE	DUTY TYPE	C,8
351)	DUTY_TYPE_PRIORITY	DUTY TYPE PRIORITY	C,1
352)	EARNED_NAVY_ENLISTED_CODE	EARNED NEC	C,5
353)	ELISTED_RATE	ENLISTED RATE	C,5

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354) ENCOUNTER_DATE	ENC DATE	D
355) ENCOUNTER_DESCRIPTION	ENC DESC	M
356) ENCOUNTER_PLACE	ENC PLACE	C,25
357) ENCOUNTER_TYPE	ENCOUNTER TYPE	C,25
358) ENLISTED_ACTIVE_DUTY_END_DATE	ENLISTED ACT DUTY END DATE	D
359) ENLISTED_CURRENT_ENLISTMENT_DATE	ENLISTED CURR ENLIST DATE	D
360) ENLISTED_EFFECTIVE_RATE_DATE	ENLISTED EFF RATE DATE	D
361) ENLISTED_ENLISTMENT_DURATION	ENLISTED ENLISTMENT DURATION	C,10
362) ENLISTED_ENLISTMENT_EXPIRE_DATE	ENLISTED ENL EXPIRATION DATE	D
363) ENLISTED_ENLISTMENT_START_DATE	ENLISTED ENLISTMENT START DATE	D
364) ENLISTED_EVALUATION_PERIOD	ENLISTED EVAL PERIOD	C,15
365) ENLISTED_EVALUATION_RATE	ENLISTED EVAL RATE	C,5
366) ENLISTED_EVALUATION_REASON	ENLISTED EVAL REASON	C,20
367) ENLISTED_EVAL_DIRECTING_GRADE	ENLISTED EVAL DIRECT GRADE	C,4
368) ENLISTED_EVAL_DUTY_STATION	ENLISTED EVAL DUTY STATION	C,5
369) ENLISTED_EVAL_OVERALL_GRADE	ENL EVAL OVERALL GRADE	C,4
370) ENLISTED_EVAL_RELIABILITY_GRADE	ENL RELIABILITY GRADE	C,4
371) ENLISTED_EXPECTED_REENLIST_DATE	ENLISTED EXP REENLIST DATE	D
372) ENLISTED_EXTENSION_DATE	ENL EXTENSION DATE	D
373) ENLISTED_EXTENSION_EXECUTE_DATE	ENL EXTENSION EXEC DATE	D
374) ENLISTED_EXTENSION_LENGTH	ENL EXTENSION LENGTH	C,15
375) ENLISTED_EXTENSION_PREPARE_DATE	ENLISTED EXTENSION PREP DATE	D
376) ENLISTED_EXTENSION_REASON	ENL EXTENSION REASON	C,30
377) ENLISTED_EXTENSION_REMARKS	ENL EXTENSION RMKS	M
378) ENLISTED_EXTENSION_SUBMIT_DATE	ENLISTED EXTENSION SUBMIT DATE	D
379) ENLISTED_EXTENSION_TERM	ENL EXTENSION TERM	C,12

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380)	ENLISTED_EXTENSION_TYPE_CODE	ENLISTED EXTENSION TYPE	C,3
381)	ENLISTED_EXTENSION_UNIT_ID_CODE	ENL EXTENSION UIC	C,5
382)	ENLISTED_EXTENSION_WITNESS_NAME	ENL EXTENSION WITNESS	C,25
383)	ENLISTED_LAST_DISCHARGE_DATE	ENLISTED LAST DISCH DATE	D
384)	ENLISTED_PRIOR_INACTIVE_SERVICE	ENLISTED PRIOR INACT SERV	C,8
385)	ENLISTED_RATE	ENLISTED RATE	C,5
386)	ENLISTED_RATING	ENLISTED RATING	C,25
387)	ENLISTED_REENLISTMENT_CONDITIONS	ENLISTED REENLIST CONDS	M
388)	ENLISTED_REENLISTMENT_PAYGRADE	ENLISTED REENLIST PAYGRADE	C,5
389)	ENLISTED_REENLISTMENT_PLACE	ENLISTED REENLIST PLACE	C,25
390)	ENLISTED_REENLISTMENT_RATE	ENLISTED REENLIST RATE	C,5
391)	ENLISTED_REENLIST_OFFICER_NAME	ENLISTED REENLIST OFF NAME	C,25
392)	ENLISTED_TOTAL_ACTIVE_SERVICE	ENLISTED TOT ACT SERV	C,8
393)	ENL_EVAL_MILITARY_BEARING_GRADE	ENL EVAL MIL BEAR GRADE	C,4
394)	ENL_EVAL_PERSONAL_BEHAVIOR_GRADE	ENL EVAL PERS BEHAVIOR GRADE	C,4
395)	ENL_EVAL_RATE_KNOWLEDGE_GRADE	ENL RATE KNOWLEDGE GRADE	C,4
396)	EQUIPMENT_ACQUISITION_COST	EQUIP ACQUISITION COST	\$
397)	EQUIPMENT_ACQUISITION_DATE	EQUIP ACQ DATE	D
398)	EQUIPMENT_CHECKED_IN_DATE	EQUIP CHECK IN DATE	D
399)	EQUIPMENT_CHECKED_OUT_DATE	EQUIPMENT CHECK OUT DATE	D
400)	EQUIPMENT_DESCRIPTION	EQUIP DESC	C,45
401)	EQUIPMENT_IDENTIFICATION_NUMBER	EQUIP ID NUM	C,35
402)	EQUIPMENT_LOCATION	EQUIP LOC	C,30
403)	EQUIPMENT_MANUFACTURER	EQUIP MANUFACTURER	C,45
404)	EQUIPMENT_MODEL_NUMBER	EQUIP MODEL NUM	C,30
405)	EQUIPMENT_SERIAL_NUMBER	EQUIP SER NUM	C,35

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406) EVIDENCE_DATE	EVID DATE	D
407) EVIDENCE_ITEM_DESCRIPTION	EVID ITEM DESC	C, 45
408) EVIDENCE_ITEM_NUMBER	EVID ITEM NUM	C, 5
409) EVIDENCE_REMARKS	EVID RMKS	M
410) EVIDENCE_SOURCE	EVID SOURCE	C, 45
411) EVIDENCE_TIME	EVID TIME	T
412) EXTENSION_INTENT_NUMBER_MONTHS	EXT INTENT MONTHS	N, 2
413) FIXED_EQUIPMENT_ACQUISITION_AGE	FIXED EQUIP ACQ AGE	C, 10
414) FOIA_REQUEST_DATE	FOIA REQ DATE	D
415) FOIA_REQUEST_DENIAL_EXEMPTIONS	FOIA REQ DENIAL EXEMPTIONS	M
416) FOIA_REQUEST_DENIED_IN_PART	FOIA REQ DENIED IN PART	L
417) FOIA_REQUEST_DENIED_OTHER_REASON	FOIA REQ DENIED OTH REASON	C, 60
418) FOIA_REQUEST_EXTENSION_REASON	FOIA REQ EXT REASON	C, 30
419) FOIA_REQUEST_GRANTED_IN_FULL	FOIA REQ GRANTED	L
420) FOIA_REQUEST_LACK_OF_RECORDS	FOIA REQ LACK OF RECORDS	L
421) FOIA_REQUEST_NUMBER	FOIA REQ NUM	C, 3
422) FOIA_REQUEST_REMARKS	FOIA REQ RMKS	M
423) FOIA_REQUEST_RESPONDER_COMMAND	FOIA REQ RESPONDER COMMAND	C, 45
424) FOIA_REQUEST_RESPONDER_NAME	FOIA REQ RESPONDER NAME	C, 45
425) FOIA_REQUEST_RESPONDER_RANK	FOIA REQ RESPONDER RANK	C, 15
426) FOIA_REQUEST_RESPONDER_TITLE	FOIA REQ RESPONDER TITLE	C, 35
427) FOIA_REQUEST_STATUTE	FOIA REQ STATUTE	M
428) FOIA_REQUEST_TIME_EXTENSION	FOIA REQ TIME EXT	L
429) FOIA_REQUEST_TOTALLY_DENIED	FOIA REQ DENIED	L
430) GED_DATE_PASSED	GED DATE	D
431) GED_STATE_ISSUING_CERTIFICATE	GED STATE	C, 2

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432) GRATUITY_BENEFICIARY_PERCENT	GRATUITY BENEFICIARY PERCENT	N, 3
433) GRATUITY_BENEFICIARY_RELATION	GRATUITY BENEFICIARY RELATION	C, 15
434) GRATUITY_PAY_BENEFICIARY_CITY	GRATUITY PAY BENEFICIARY CITY	C, 25
435) GRATUITY_PAY_BENEFICIARY_NAME	GRATUITY PAY BENEFICIARY NAME	C, 45
436) GRATUITY_PAY_BENEFICIARY_STATE	GRATUITY PAY BENEFICIARY STATE	C, 2
437) GRATUITY_PAY_BENEFICIARY_STREET	GRATUITY PAY BENEFICIARY STREET	C, 45
438) GUEST_COMMAND	GUEST COMMAND	C, 30
439) GUEST_DUTY_PHONE	GUEST DUTY PHONE	C, 12
440) GUEST_NAME	GUEST NAME	C, 45
441) GUEST_NEXT_OF_KIN_CITY	GUEST NOK CITY	C, 25
442) GUEST_NEXT_OF_KIN_NAME	GUEST NOK NAME	C, 45
443) GUEST_NEXT_OF_KIN_PHONE	GUEST NOK PHONE	C, 12
444) GUEST_NEXT_OF_KIN_STATE_CODE	GUEST NOK STATE	C, 2
445) GUEST_NEXT_OF_KIN_STREET	GUEST NOK STREET	C, 45
446) GUEST_ORDER_NUMBER	GUEST ORDER NUM	C, 30
447) GUEST_SOCIAL_SECURITY_NUMBER	GUEST SSN	C, 11
448) HIGH_SCHOOL_ADDRESS	HS ADDRESS	C, 25
449) HIGH_SCHOOL_GRADUATION_DATE	HS GRAD DATE	D
450) HIGH_SCHOOL_NAME	HS NAME	C, 30
451) HOMETOWN_CITY	HOMETOWN CITY	C, 25
452) HOMETOWN_COUNTRY	HOMETOWN COUNTRY	C, 20
453) HOMETOWN_NAME	HOMETOWN NAME	C, 30
454) HOMETOWN_NEWSPAPER_CITY	HOMETOWN NEWSPAPER CITY	C, 25
455) HOMETOWN_NEWSPAPER_COUNTRY	HOMETOWN NEWSPAPER CTRY	C, 20
456) HOMETOWN_NEWSPAPER_NAME	HOMETOWN NEWSPAPER NAME	C, 45
457) HOMETOWN_NEWSPAPER_STATE_CODE	HOMETOWN NEWSPAPER STATE	C, 2

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458)	HOMETOWN_STATE_CODE	HOMETOWN STATE CODE	C,2
459)	HOMETOWN_STREET_ADDRESS	HOMETOWN STREET ADD	C,30
460)	HOUSEHOLD_EFFECTS_PRESENT_WEIGHT	HOUSEHOLD EFFECTS PRES WT	N,2
461)	HOUSEHOLD_EFFECTS_STORAGE_LOC	HOUSEHOLD EFF STORAGE LOC	C,3
462)	HOUSEHOLD_EFFECTS_STORAGE_WEIGHT	HOUSEHOLD EFF STORAGE WT	N,2
463)	INQUIRY_COMPLAINT_NATURE	INQ COMPLAINT NATURE	C,60
464)	INQUIRY_DATE	INQ DATE	D
465)	INQUIRY_INDIVIDUAL_NAME	INQ INDIV NAME	C,60
466)	INQUIRY_PRIVACY_ACT_RELEASE	INQ PRIV ACT REL	L
467)	INQUIRY_RESPONSE	INQ RESP	M
468)	INQUIRY_RESPONSE_DATE	INQ RESP DATE	D
469)	INSPECTION_DATE_DUE	INSP DATE DUE	D
470)	INSPECTION_DATE_SCHEDULED	INSP DATE SCHED	D
471)	INSPECTION_DEPARTMENT_NAME	INSP DEPT NAME	C,15
472)	INSPECTION_DESCRIPTION	INSP DESC	C,25
473)	INSPECTION_ITEM_GRADE	INSP ITEM GRADE	C,5
474)	INSPECTION_ITEM_NAME	INSP ITEM NAME	C,30
475)	INSPECTION_LAST_DATE	INSP LAST DATE	D
476)	INSTRUCTION/PUBLICATION_NUMBER	INSTR/PUB NUM	C,30
477)	INVESTIGATION_ACTION	INVEST ACTION	M
478)	INVESTIGATION_CO_XO_APPRAISED	INVEST CO/XO APPRAISED	L
479)	INVESTIGATION_DATE	INVEST DATE	D
480)	INVESTIGATION_DISCIPLINARY_ACT	INVEST DISCP ACT	L
481)	INVESTIGATION_DISCIPLINE_TYPE	INVEST DISCP TYPE	C,12
482)	ISSUABLE_EQUIPMENT_LAST_UPDATED	ISSUABLE EQUIP LAST UPD	D
483)	ISSUABLE_EQUIPMENT_QUANTITY	ISSUABLE EQUIP QTY	C,5

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484) LAST_DEPLOYMENT_LENGTH	LAST DEPLOYMENT LENGTH	N, 2
485) LAST_DEPLOYMENT_LOCATION_CODE	LAST DEPLOYMENT LOC CODE	C, 4
486) LAST_DEPLOYMENT_RETURN_DATE	LAST DEPLOYMENT RETURN DATE	D
487) LEAVE_CITY_NAME	LEAVE CITY NAME	C, 25
488) LEAVE_CONTROL_NUMBER	LCN	C, 10
489) LEAVE_DEPARTURE_DATE	LEAVE DEPARTURE DATE	D
490) LEAVE_DEPARTURE_HOUR	LEAVE DEPARTURE HOUR	N, 4
491) LEAVE_DEPARTURE_OOD_NAME	LEAVE DEPARTURE OOD NAME	C, 25
492) LEAVE_DUTY_PHONE	LEAVE DUTY PHONE	C, 12
493) LEAVE_END_DATE	LEAVE END DATE	D
494) LEAVE_END_TIME	LEAVE END TIME	N, 4
495) LEAVE_EXTENSION_AUTHORITY_NAME	LEAVE EXTENSION AUTH NAME	C, 25
496) LEAVE_EXTENSION_DATE	LEAVE EXTENSION DATE	D
497) LEAVE_EXTENSION_HOUR	LEAVE EXTENSION HOUR	N, 4
498) LEAVE_PHONE_NUMBER	LEAVE PHONE	C, 12
499) LEAVE_REQUEST_DATE	LEAVE REQUEST DATE	D
500) LEAVE_RETURN_DATE	LEAVE RETURN DATE	D
501) LEAVE_RETURN_OOD_NAME	LEAVE RETURN OOD NAME	C, 25
502) LEAVE_RETURN_TIME	LEAVE RETURN TIME	N, 4
503) LEAVE_START_DATE	LEAVE START DATE	D
504) LEAVE_START_TIME	LEAVE START TIME	N, 4
505) LEAVE_STATE_CODE	LEAVE STATE CODE	C, 2
506) LEAVE_STREET_ADDRESS	LEAVE STREET ADDRESS	C, 45
507) LEAVE_TRAVEL_MODE	LEAVE TRAVEL MODE	C, 5
508) LEAVE_TYPE_CODE	LEAVE TYPE CODE	C, 10
509) LEGAL_LETTER_COMMAND	LEGAL LTR COMMAND	C, 45

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510) LEGAL_LETTER_COMMANDING_OFFICER	LEGAL LTR CO	C, 45
511) LEGAL_LETTER_DATE	LEGAL LTR DATE	D
512) LEGAL_LETTER_SIGNED	LEGAL LTR SIGNED	L
513) LEGAL_LETTER_STATEMENT	LEGAL LTR STMT	M
514) LEGAL_LETTER_TYPE	LEGAL LTR TYPE	C, 9
515) LEGAL_OFFICER_NAME	LEGAL OFFICER NAME	C, 45
516) LEGAL_OFFICE_LOCATION	LEGAL OFF LOC	C, 15
517) LEGAL_OFFICE_PHONE	LEGAL OFFICE PHONE	C, 7
518) LIFE_INSURANCE_COMPANY_CITY	LIFE INSURANCE COMPANY CITY	C, 25
519) LIFE_INSURANCE_COMPANY_NAME	LIFE INSURANCE COMPANY	C, 45
520) LIFE_INSURANCE_COMPANY_STATE	LIFE INSURANCE COMPANY STATE	C, 2
521) LIFE_INSURANCE_COMPANY_STREET	LIFE INSURANCE COMPANY STREET	C, 45
522) LIFE_INSURANCE_POLICY_NUMBER	INSURANCE POLICY NUMBER	C, 15
523) LOCATION_TYPE_PRIORITY	LOC TYPE PRIORITY	C, 1
524) MAA_COMMENTS	MAA COMMENTS	M
525) MAA_MEMBER_COMMENTS	MAA MEMBER COMMENTS	M
526) MAA_NAME	MAA NAME	C, 45
527) MAA_PHONE	MAA PHONE	C, 8
528) MAA_SAFE_LOCATION	MAA SAFE LOC	C, 30
529) MAST_ACTION_ADMONITION	MAST ACT ADMONITION	L
530) MAST_ACTION_ARTICLE_32_INVEST	MAST ACT ART 32 INVEST	L
531) MAST_ACTION_CONFINE_BREAD_DAYS	MAST ACT CONFINE BW DAYS	N, 1
532) MAST_ACTION_CONFINE_BREAD_WATER	MAST ACT CONFINE BW	L
533) MAST_ACTION_CORRECTIONAL_CUSTODY	MAST ACT CCU	L
534) MAST_ACTION_CORRECT_CUSTODY_DAYS	MAST ACT CCU DAYS	N, 2
535) MAST_ACTION_COURT_MARTIAL	MAST ACT COURT MARTIAL	L

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536) MAST_ACTION_DETAINED_MONTHS	MAST ACT DETAINED MTHS	N, 1
537) MAST_ACTION_DETENTION	MAST ACT DETENTION	L
538) MAST_ACTION_DETENTION_AMOUNT	MAST ACT DETENT AMT	\$
539) MAST_ACTION_DETENTION_MONTHS	MAST ACT DETENTION MTHS	N, 1
540) MAST_ACTION_EXTRA_DUTIES	MAST ACT EXTRA DUTIES	L
541) MAST_ACTION_EXTRA_DUTIES_DAYS	MAST ACT EXTRA DUTIES DAYS	N, 3
542) MAST_ACTION_FORFEITURE	MAST ACT FORF	L
543) MAST_ACTION_FORFEITURE_AMOUNT	MAST ACT FORF AMT	\$
544) MAST_ACTION_FORFEITURE_MONTHS	MAST ACT FORF MTHS	N, 2
545) MAST_ACTION_PUNISHMENT_SUSPENDED	MAST ACT PUNISH SUSPENDED	L
546) MAST_ACTION_RATE_REDUCTION	MAST ACT RIR	L
547) MAST_ACTION_RATE_REDUCTION_RATE	MAST ACT RIR RATE	C, 5
548) MAST_ACTION_REPRIMAND	MAST ACT REPRIMAND	L
549) MAST_ACTION_RESTRICTED_DAYS	MAST ACT RESTRICT DAYS	N, 2
550) MAST_ACTION_RESTRICTED_TO	MAST ACT RESTRICTED TO	C, 45
551) MAST_ACTION_RESTRICTION	MAST ACT RESTRICTION	L
552) MAST_ACTION_RESTRICTION_NO_DUTY	MAST ACT RESTRICT NO DUTY	L
553) MAST_ACTION_SUSPENDED_MONTHS	MAST ACT SUSPENDED MTHS	N, 2
554) MAST_APPEAL_DATE	MAST APPEAL DATE	D
555) MAST_APPEAL_FINAL_RESULT	MAST APPEAL FINAL RESULT	M
556) MAST_APPEAL_FORWARDED_DATE	MAST APPEAL FORWARD DATE	D
557) MAST_APPEAL_RIGHTS_WITNESS_NAME	MAST APP RIGHTS WIT NAME	C, 45
558) MAST_AWARDED_COURT_MARTIAL	MAST AWARDED CM	L
559) MAST_CHARGES_DISMISSED	MAST CHARGES DISMISSED	L
560) MAST_COMMANDING_OFFICER_ACTION	MAST CO ACTION	C, 10
561) MAST_COMMANDING_OFFICER_SIGN	MAST CO SIGN	L

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562)	MAST_DATE	MAST DATE	D
563)	MAST_DIVISION_OFFICER_REMARKS	MAST DIVO RMKS	M
564)	MAST_EXECUTIVE_OFFICER_SIGNATURE	MAST XO SIGN	L
565)	MAST_INVESTIGATING_OFFICER_RMKS	MAST INVEST OFF RMKS	M
566)	MAST_INVESTIGATING_OFFICER_SIGN	MAST INVEST OFF SIGN	L
567)	MAST_INVESTIGATION_OFFICER	MAST INVEST OFF	C, 45
568)	MAST_INVESTIGATION_OFFICER_DATE	MAST INVEST OFF DATE	D
569)	MAST_INVESTIGATION_OFFICER_RANK	MAST INVEST OFF RANK	C, 20
570)	MAST_MEMBER_APPEAL_RIGHTS	MAST MBR APPEAL RIGHT	L
571)	MAST_MEMBER_APPEAL_RIGHTS_DATE	MAST MBR APPEAL RIGHTS DATE	D
572)	MAST_MEMBER_CHARGES_ACKNOWLEDGED	MAST MBR CHARGE ACK	L
573)	MAST_MEMBER_CM_RIGHT_WITNESS	MAST MBR CM RIGHT WITNESS	C, 45
574)	MAST_MEMBER_COURT_MARTIAL_RIGHT	MAST MBR CM RIGHT	L
575)	MAST_MEMBER_CURRENT_RANK	MAST MBR CURRENT RANK	C, 20
576)	MAST_MEMBER_INFORMED_ACTION_DATE	MAST MBR INFORMED ACT DATE	D
577)	MAST_MEMBER_RIGHTS_ADVISED	MAST MBR RIGHTS	L
578)	MAST_MEMBER_RIGHTS_WAIVED	MAST MBR RIGHTS WAIVED	M
579)	MAST_MEMBER_RIGHTS_WITNESS_NAME	MAST MBR RIGHTS WIT NAME	C, 45
580)	MAST_MEMBER_STATEMENT	MAST MBR STMT	M
581)	MAST_OFFENSE_DATE	MAST OFFENSE DATE	D
582)	MAST_OFFENSE_DETAILS	MAST OFFENSE DETAILS	M
583)	MAST_OFFENSE_PLACE	MAST OFFENSE PLACE	C, 50
584)	MAST_OFFENSE_REPORT_DATE	OFFENSE RPT DATE	D
585)	MAST_PREMAST_RESTRAINT	MAST PREMAST RESTRAINT	M
586)	MAST_PREMAST_RESTRAINT_OFFICER	MAST PREMAST RESTR OFF	C, 45
587)	MAST_PREMAST_RESTRAINT_OFF_TITLE	MAST PREMAST RESTR OFF TITLE	C, 20

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588) MAST_REPORTING_MEMBER	MAST REPORTING MBR	C,45
589) MAST_REPORTING_MEMBER_TITLE	MAST RPTING MBR TITLE	C,30
590) MAST_UNIT	MAST UNIT	C,45
591) MAST_WITNESS_DIVISION	MAST WITNESS DIV	C,30
592) MAST_WITNESS_NAME	MAST WITNESS NAME	C,45
593) MAST_WITNESS_RANK	MAST WITNESS RANK	C,20
594) MAST_WITNESS_STATEMENT	MAST WIT STMT	M
595) MEMBER_ACTIVE_DUTY_SERVICE_DATE	MEMBER ADSD	D
596) MEMBER_AWARD_AUTHORITY	MEMBER AWARD AUTH	C,25
597) MEMBER_AWARD_DATE	MEMBER AWARD DATE	D
598) MEMBER_AWARD_NAME	MEMBER AWARD NAME	C,25
599) MEMBER_AWARD_TYPE_CODE	MEMBER AWARD TYPE	C,5
600) MEMBER_BENEFICIARY_CITY_NAME	BENEFICIARY CITY NAME	C,25
601) MEMBER_BENEFICIARY_NAME	BENEFICIARY NAME	C,45
602) MEMBER_BENEFICIARY_PERCENT	BENEFICIARY PERCENT	N,3
603) MEMBER_BENEFICIARY_RELATION	BENEFICIARY RELATION	C,15
604) MEMBER_BENEFICIARY_STATE_CODE	BENEFICIARY STATE CODE	C,2
605) MEMBER_BENEFICIARY_STREET_NAME	BENEFICIARY STREET NAME	C,45
606) MEMBER_BIRTH_CITY_NAME	MEMBER BIRTH CITY NAME	C,25
607) MEMBER_BIRTH_COUNTRY	MEMBER BIRTH COUNTRY	C,15
608) MEMBER_BIRTH_DATE	MEMBER BIRTH DATE	D
609) MEMBER_BIRTH_US_STATE_CODE	MEMBER BIRTH US STATE CODE	C,2
610) MEMBER_BLOOD_TYPE	MEMBER BLOOD TYPE	C,3
611) MEMBER_CURRENT_CITY_NAME	MEMBER CURRENT CITY	C,25
612) MEMBER_CURRENT_COUNTRY_CODE	MEMBER CURRENT COUNTRY CODE	C,15
613) MEMBER_CURRENT_HOME_PHONE	MEMBER CURRENT HOME PHONE	C,12

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614)	MEMBER_CURRENT_STATE_CODE	MEMBER CURRENT STATE	C, 2
615)	MEMBER_CURRENT_STREET_NAME	MEMBER CURRENT STREET NAME	C, 45
616)	MEMBER_EYE_COLOR_CODE	MEMBER EYE COLOR CODE	C, 5
617)	MEMBER_FATHER_CITY_NAME	FATHER CITY NAME	C, 25
618)	MEMBER_FATHER_DEPENDENT_CODE	FATHER DEPENDENT CODE	C, 10
619)	MEMBER_FATHER_NAME	FATHER NAME	C, 45
620)	MEMBER_FATHER_STATE_CODE	FATHER STATE CODE	C, 2
621)	MEMBER_FATHER_STREET_NAME	FATHER STREET NAME	C, 45
622)	MEMBER_GENEVA_CATEGORY	MEMBER GENEVA CATEGORY	C, 4
623)	MEMBER_HAIR_COLOR_CODE	MEMBER HAIR COLOR CODE	C, 15
624)	MEMBER_HEIGHT_INCHES	MEMBER HEIGHT INCHES	N, 4
625)	MEMBER_HOME_OF_RECORD_CITY	MEMBER HOME OF REC CITY	C, 25
626)	MEMBER_HOME_OF_RECORD_COUNTRY	MEMBER HOME OF REC COUNTRY	C, 15
627)	MEMBER_HOME_OF_RECORD_STATE_CODE	MEMBER HOME OF RECORD STATE	C, 2
628)	MEMBER_ID_CARD_EXPIRATION_DATE	MEMBER ID CARD EXPIRATION DATE	D
629)	MEMBER_ID_CARD_ISSUER_GRADE	MEMBER ID CARD ISSUER GRADE	C, 5
630)	MEMBER_ID_CARD_ISSUER_NAME	MEMBER ID CARD ISSUER NAME	C, 45
631)	MEMBER_ID_CARD_ISSUER_PHONE	MEMBER ID CARD ISSUER PHONE	C, 12
632)	MEMBER_ID_CARD_ISSUER_TITLE	MEMBER ID CARD ISSUER TITLE	C, 15
633)	MEMBER_ID_CARD_ISSUER_UNIT	MEMBER ID CARD ISSUER UNIT	C, 5
634)	MEMBER_ID_CARD_ISSUE_DATE	MEMBER ID CARD ISSUE DATE	D
635)	MEMBER_ID_CARD_NUMBER	MEMBER ID CARD NUMBER	C, 10
636)	MEMBER_ID_CARD_STATUS_CODE	MEMBER_ID_CARD_STATUS_CODE	C, 4
637)	MEMBER_ID_CARD_TYPE	MEMBER ID CARD TYPE	C, 10
638)	MEMBER_ID_CARD_VERIFICATION_DATE	MEMBER ID CARD VERIFICATION DATE	D
639)	MEMBER_ID_CARD_VERIFICATION_NAME	MEMBER ID CARD VERIFICATION NAME	C, 45

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640) MEMBER_ID_CARD_VERIFY_GRADE	MEMBER ID CARD VERIFY GRADE	C, 5
641) MEMBER_ID_CARD_VERIFY_PHONE	MEMBER ID CARD VERIFY PHONE	C, 12
642) MEMBER_ID_CARD_VERIFY_TITLE	MEMBER ID CARD VERIFY TITLE	C, 15
643) MEMBER_ID_CARD_VERIFY_UNIT	MEMBER ID CARD VERIFY UNIT	C, 5
644) MEMBER_MAIDEN_NAME	MEMBER MAIDEN NAME	C, 25
645) MEMBER_MARITAL_STATUS_CODE	MEMBER MARITAL STATUS CODE	C, 10
646) MEMBER_MARITAL_STATUS_DATE	MEMBER MARITAL STATUS DATE	D
647) MEMBER_MARRIAGE_DATE	MARRIAGE DATE	D
648) MEMBER_MARRIAGE_LOCATION	MARRIAGE LOCATION	C, 30
649) MEMBER_MARRIAGE_RESOLUTION	MARRIAGE RESOLUTION	C, 10
650) MEMBER_MARRIAGE_RESOLUTION_DATE	MARRIAGE RESOLUTION DATE	D
651) MEMBER_MARRIAGE_RESOLUTION_LOC	MARRIAGE RESOLUTION LOCATION	C, 25
652) MEMBER_MILITARY_STATUS_CODE	MEMBER MILITARY STATUS CODE	C, 10
653) MEMBER_MOTHER_CITY_NAME	MOTHER CITY NAME	C, 25
654) MEMBFR_MOTHER_DEPENDENT_CODE	MOTHER DEPENDENT CODE	C, 10
655) MEMBER_MOTHER_NAME	MOTHER NAME	C, 45
656) MEMBER_MOTHER_STATE_CODE	MOTHER STATE CODE	C, 2
657) MEMBER_MOTHER_STREET_NAME	MOTHER STREET NAME	C, 45
658) MEMBER_NAME	MEMBER NAME	C, 45
659) MEMBER_NEXT_OF_KIN_CITY_NAME	MEMBER NOK CITY NAME	C, 25
660) MEMBER_NEXT_OF_KIN_COUNTRY	MEMBER NOK COUNTRY	C, 25
661) MEMBER_NEXT_OF_KIN_NAME	MEMBER NOK NAME	C, 45
662) MEMBER_NEXT_OF_KIN_PHONE	MEMBER NOK PHONE	C, 12
663) MEMBER_NEXT_OF_KIN_RELATION	MEMBER NOK RELATION	C, 20
664) MEMBER_NEXT_OF_KIN_STATE_CODE	MEMBER NOK STATE	C, 2
665) MEMBER_NEXT_OF_KIN_STREET_NAME	MEMBER NOK STREET	C, 45

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666) MEMBER_PASSPORT_EXPIRE_DATE	MEMBER PASSPORT EXPIRE DATE	D
667) MEMBER_PASSPORT_NUMBER	MEMBER PASSPORT NUMBER	C,10
668) MEMBER_PASSPORT_TYPE	MEMBER PASSPORT TYPE	C,10
669) MEMBER_PAYGRADE	MEMBER PAYGRADE	C,4
670) MEMBER_PERMANENT_CITY_NAME	MEMBER PERMANENT CITY NAME	C,25
671) MEMBER_PERMANENT_COUNTRY_CODE	MEMBER PERMANENT COUNTRY CODE	C,4
672) MEMBER_PERMANENT_STATE_CODE	MEMBER PERMANENT STATE CODE	C,2
673) MEMBER_PERMANENT_STREET_NAME	MEMBER PERMANENT STRET NAME	C,45
674) MEMBER_PREVIOUS_MARRIAGE	PREVIOUS MARRIAGE CODE	C,1
675) MEMBER_PRIOR_MILITARY_SERVICE	MEMBER PRIOR MILITARY SERVICE	C,10
676) MEMBER_PRIVILEGE_CODES	MEMBER PRIVILEGE CODES	C,10
677) MEMBER_RACE	MEMBER RACE	C,15
678) MEMBER_RACE_GROUP_CODE	MEMBER RACE GROUP CODE	C,3
679) MEMBER_RANK/RATE	MEMBER RANK RATE	C,15
680) MEMBER_RELIGION	MEMBER RELIGION	C,30
681) MEMBER_SERVICE_BRANCH	MEMBER SERVICE BRANCH	C,4
682) MEMBER_SEX_CODE	MEMBER SEX CODE	C,1
683) MEMBER_SIGNATURE_DATE	MEMBER SIGNATURE DATE	D
684) MEMBER_SOCIAL_SECURITY_NUMBER	SSN	C,11
685) MEMBER_SPOUSE_BIRTH_DATE	MEMBER SPOUSE BIRTH DATE	D
686) MEMBER_UNIT_IDENTIFICATION_CODE	MEMBER UIC	C,5
687) MEMBER_WEIGHT_POUNDS	MEMBER WEIGHT POUNDS	N,4
688) MILITARY_SERVICE_BRANCH	MIL SERV BRANCH	C,20
689) MILITARY_SERVICE_COUNTRY	MIL SERV COUNTRY	C,20
690) MILITARY_SERVICE_DISCHARGE_TYPE	MIL SERV DISCH TYPE	C,15
691) MILITARY_SERVICE_FROM_DATE	MIL SERV FROM DATE	D

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692) MILITARY_SERVICE_RANK	MIL SERV RANK	C,15
693) MILITARY_SERVICE_SSN	MIL SERV SSN	C,11
694) MILITARY_SERVICE_TO_DATE	MIL SERV TO DATE	D
695) MIL_LEAD_EXAM_DATE	MIL LEAD DATE	D
696) MIL_LEAD_EXAM_PAYGRADE	MIL LEAD PAYGRADE	C,3
697) MIL_LEAD_EXAM_PLACE	MIL LEAD PLACE	C,25
698) MIL_LEAD_EXAM_SCORE	MIL LEAD SCORE	N,3
699) MIL_LEAD_EXAM_TIME	MIL LEAD TIME	T
700) MISSING_STATUS_ALLOTMENT_CITY	MISSING STATUS ALLOTMENT CITY	C,25
701) MISSING_STATUS_ALLOTMENT_NAME	MISSING STATUS ALLOTMENT NAME	C,45
702) MISSING_STATUS_ALLOTMENT_PERCENT	MISSING STATUS ALLOTMENT PERCENT	N,3
703) MISSING_STATUS_ALLOTMENT_STATE	MISSING STATUS ALLOTMENT STATE	C,2
704) MISSING_STATUS_ALLOTMENT_STREET	MISSING STATUS ALLOTMENT STREET	C,45
705) NATURALIZATION_CERTIFICATE_NUM	NATURALIZE CERT NUM	C,30
706) NATURALIZATION_COURT	NATURALIZE COURT	C,30
707) NATURALIZATION_DATE	NATURALIZE DATE	D
708) NATURALIZATION_PLACE	NATURALIZE PLACE	C,30
709) NAVY_CLASSIFICATION_CODE	NEC CODE	C,4
710) NAVY_CLASSIFICATION_DATE	NEC_DATE	D
711) NAVY_CLASSIFICATION_TYPE	NEC TYPE	C,4
712) NAVY_SCHOOL_CLASS_SIZE	NAV SCH SIZE	C,4
713) NAVY_SCHOOL_CLASS_STANDING	NAV SCH STANDING	C,3
714) NAVY_SCHOOL_DATE_ENROLLED	N SCHOOL DATE	D
715) NAVY_SCHOOL_DROPPED	NAV SCH DROPPED	L
716) NAVY_SCHOOL_FINAL_MARK	NAV SCH MARK	C,3
717) NAVY_SCHOOL_GRADUATED	NAV SCH GRAD	L

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718) NAVY_SCHOOL_LENGTH	N SCHOOL LEN	C,10
719) NAVY_SCHOOL_LOCATION	N SCH LOC	C,25
720) NAVY_SCHOOL_REASON_DROPPED	NAV SCH DRP REAS	C,15
721) NAVY_SCHOOL_TITLE	N SCHOOL TIT	C,25
722) NAVY_SCHOOL_TYPE	N SCH TYPE	C,1
723) NEED_TO_BE_SINGLE	SINGLE	L
724) NUMBER_OF_QUOTAS	NUM OF QUOTAS	N,2
725) OFFICER_ACADEMIC_PROFILE_CODE	OFFICER APC	C,3
726) OFFICER_ADDITIONAL_QUAL_DESIG	OFFICER ADDL QUAL	C,50
727) OFFICER_COMMISSION_SOURCE_CODE	OFFICER COMMISSION SOURCE	C,5
728) OFFICER_DATE_OF_RANK	OFFICER DATE OF RANK	D
729) OFFICER_DESIGNATOR	OFFICER DESIG	C,5
730) OFFICER_DESIGNATOR_DATE	OFFICER DESIG DATE	D
731) OFFICER_EXPECTED_RETIREMENT_YEAR	OFFICER EXP RETIRE YEAR	N,4
732) OFFICER_PERMANENT_GRADE	OFFICER PERM GRADE	C,5
733) OFFICER_PRECEDENCE_NUMBER	OFFICER PREC NUM	C,15
734) OFFICER_PROMOTION_DATE	OFFICER PROMOTION DATE	D
735) OFFICER_PROMOTION_RANK	OFFICER PROM RANK	C,15
736) OFFICER_PROMOTION_REMARKS	OFFICER PROMOTION RMKS	M
737) OFFICER_PROMOTION_STATUS	OFFICER PROM STATUS	C,15
738) OFFICER_PROMOTION_TYPE	OFFICER PROM TYPE	C,15
739) OFFICER_RANK	OFFICER RANK	C,15
740) OFFICER_SUBSPECIALTY_CODES	OFFICER SUBSPECIALTY CODES	C,20
741) OFFICER_YEAR_GROUP	OFFICER YEAR GP	C,2
742) OFF_ACTIVE_COMMISSION_BASE_DATE	OFFICER ACTIVE BASE DATE	D
743) ORDER_ACCOUNTING_DATA	ORDER ACCT DATA	C,55

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744)	ORDER_AUTHENTICATING_OFFICER	ORDER AUTH OFF	C,45
745)	ORDER_AUTHORITY	ORDER AUTHORITY	C,50
746)	ORDER_COMMENTS_AND_INSTRUCTIONS	ORDER COMMENTS	M
747)	ORDER_COMPLETION_DATE	ORDER COMPLETION DATE	D
748)	ORDER_DISTRIBUTION_LIST	ORDER DIST LIST	C,45
749)	ORDER_ESTIMATED_MISC_EXPENSE	ORDER MISC EXP	N,6
750)	ORDER_ESTIMATED_PER_DIEM_COST	ORDER PER DIEM	N,5
751)	ORDER_ESTIMATED_TRAVEL_COST	ORDER TRAVEL COST	N,5
752)	ORDER_INDIVIDUALS	ORDER INDIV	C,10
0	753)	ORDER_ITENERARY	M
754)	ORDER_NUMBER	ORDER NUM	C,7
755)	ORDER_PREPARE_DATE	ORDER PREP DATE	D
756)	ORDER_PROCEED_DATE	ORDER PROCEED DATE	D
757)	ORDER_REFERENCE	ORDER REFERENCE	C,50
758)	ORDER_SUPPLEMENTARY_ITEM_CODES	ORDER SUPPLEMENTARY ITEMS	C,10
0	759)	ORDER_TRANSPORTATION_REQUEST	M
760)	ORDER_TRAVEL_REASON_CODE	ORDER REASON CODE	C,30
761)	ORDER_TRAVEL_TYPE_CODE	ORDER TRAVEL TYPE	C,4
762)	ORDER_TYPE_CODE	ORDER TYPE	C,10
763)	OTHER_COURSE_DURATION	OTH CRS DURATION	C,15
764)	OTHER_COURSE_LOCATION	OTH CRS LOC	C,25
765)	OTHER_COURSE_NAME	OTH CRS NAME	C,25
766)	OTHER_COURSE_TYPE	OTH CRS TYPE	C,10
767)	PAO_COMMENTS	PAO COMMENTS	M
768)	PAO_NAME	PAO NAME	C,45
769)	PAO_OFFICE_LOCATION	PAO OFFICE LOC	C,15

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770) PAO_OFFICE_PHONE	PAO PHONE	C,7
771) PARS_DATE_COMPLETED	PARS DATE	D
772) PARS_DESCRIPTION	PARS DESC	C,25
773) PDB_APPROVAL	PDB APPROVAL	L
774) PDB_COMMENTS	PDB COMMENTS	C,10
0 775) PDB_DATE	PDB DATE	D
776) PDB_REASON	PDB REASON	C,25
777) PERFORMANCE_TEST_DATE	PERF TEST DATE	D
778) PERFORMANCE_TEST_DESCRIPTION	PERF TEST DESC	C,25
779) PERFORMANCE_TEST_SCORE	PERF TEST SCORE	C,8
780) PHILIPPINE_NONIMMIGRANT_ALIEN	PHILIPPINE NONIMM ALIEN	L
781) PQS_APPLICABLE_DEPARTMENT	PQS APPL DEPT	C,12
782) PQS_APPLICABLE_DIVISION	PQS APPL DIV	C,15
783) PQS_AREA_ASSIGNMENT	PQS AREA	C,25
784) PQS_ASSIGNED_DURATION	PQS DURATION	N,2
785) PQS_COMPLETION_DATE	PQS COMP DATE	D
786) PQS_DATA_LAST_UPDATED_BY	PQS LAST UPD BY	C,3
787) PQS_DATA_LAST_UPDATED_DATE	PQS LAST UPD DATE	D
788) PQS_DATE_ASSIGNED	PQS DATE ASS	D
789) PQS_ITEM_NUMBER	PQS NUMBER	C,15
790) PQS_MISSION_AREA	PQS MISSION AREA	C,10
791) PQS_NAVEDTRA_NUMBER	PQS NUMBER	C,15
792) PQS_NUMBER_PEOPLE_REQUIRED	PQS NUM PEOPLE REQD	N,3
793) PQS_ORAL_BOARD_PASSED_DATE	PQS ORAL BOARD DATE	D
794) PQS_ORAL_BOARD_REQUIRED	PQS ORAL BOARD REQ	L
795) PQS_PERFORMANCE_TEST_DATE	PQS PERF TEST DATE	D

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796)	PQS_PERFORMANCE_TEST_REQUIRED	PQS PERF TEST REQ	L
797)	PQS_POINTS_REQUIRED	PQS POINTS REQ	N,4
798)	PQS_REQUAL_DATE	PQS REQUAL DATE	D
799)	PQS_REQUAL_REQUIREMENT_TIME	PQS REQUAL REQMT TIME	N,2
800)	PQS_STATUS_DATE	PQS STATUS DATE	D
801)	PQS_STATUS_FLAG	PQS STATUS FLAG	C,1
802)	PQS_TITLE	PQS TITLE	C,25
803)	PQS_TOTAL_POINTS_TO_DATE	PQS TO DATE POINTS	N,4
804)	PQS_VALIDATION_LAST_UPDATED_BY	PQS VALID LAST UPD BY	C,3
805)	PQS_VALIDATION_LAST_UPDATED_DATE	PQS VALID LAST UPD DATE	D
806)	PQS_WATCH_STATION_NUMBER	PQS WATCH ST NUM	C,5
807)	PQS_WATCH_STATION_TITLE	PQS WATCH ST TITLE	C,25
808)	PQS_WRITTEN_EXAM_PASSED_DATE	PQS WRITTEN EXAM DATE	D
809)	PQS_WRITTEN_EXAM_REQUIRED	PQS WRITTEN EXAM REQ	L
810)	PRESENT_EDUCATION_LEVEL	ED LEVEL	C,2
811)	PRESS_RELEASE_DATE	PRESS REL DATE	D
812)	PRESS_RELEASE_DESCRIPTION	PRESS REL DESC	C,45
813)	PRESS_RELEASE_DESTINATION	PRESS REL DEST	C,45
814)	PROSPECTIVE_GAIN_DATE	PG DATE	D
815)	PROSPECTIVE_ROTATION_DATE	PRD	D
816)	QUOTA_CONTROL_NUMBER	QUOTA CONT NUM	C,15
817)	QUOTA_OBTAINED_BY	QUOTA BY	C,25
818)	QUOTA_OBTAINED_DATE	QUOTA OBT DATE	D
819)	QUOTA_REQUIRED_BY	QUOTA REQD BY	C,1
820)	QUOTA_SCHOOL_DATE	QUOTA DATE	D
821)	QUOTA_SCHOOL_NAME	QUOTA SCHOOL NAME	C,25

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822)	RATE_ADVANCED	ADV RATE	C,5
823)	RECURRING_CERTIFICATION_REMARKS	REC CERT RMKS	C,25
824)	REENLIST_INTENT_NUMBER_MONTHS	REENLIST INT MONTHS	N,2
825)	REQUEST_APPEAL_LITIGATION_RMKS	REQ APPEAL LITIG RMKS	M
826)	REQUEST_DENIAL_APPEAL_OVERTURNED	REQ DENIAL APPEAL OVERTURN	L
827)	REQUEST_DENIAL_APPEAL_TYPE	REQ DENIAL APPEAL TYPE	C,9
828)	REQUEST_DENIAL_APPEAL_UPHELD	REQ DEN APPEAL UPHELD	L
829)	REQUEST_DENIED	REQUEST DENIED	L
830)	REQUEST_DENIED_OTHER_REASONS	REQ DENIED OTH REASON	M
831)	REQUEST_GRANTED	REQUEST GRANTED	L
832)	REQUEST_LITIGATED_APPEAL_RESULT	REQ LITIG APPEAL RESULT	L
833)	REQUEST_NO_RECORD	REQUEST NO RECORD	L
834)	REQUEST_NUMBER	REQ NUM	C,6
835)	REQUEST_TYPE	REQ TYPE	C,15
836)	REQUIRED_SCHOOL/NEC_NAME	REQ SCHOOL/NEC NAME	C,10
837)	REQUIRED_SCHOOL/NEC_NUMBER	REQ SCHOOL/NEC NUMBER	C,10
838)	REQUIRED_SCHOOL/NEC_REMARKS	REQ SCHOOL/NEC RMKS	C,50
839)	REQUIRED_SCHOOL_LAST_UPDATED_BY	REQ SCHOOL LAST UPD BY	C,3
840)	REQUIRED_SCHOOL_LAST_UPDATE_DATE	REQ SCHOOL LAST UPD DATE	D
841)	REQ_SCHOOL/NEC_APPLICABLE_DEPT	REQ SCHOOL/NEC APPL DEPT	C,10
842)	REQ_SCHOOL/NEC_APPL_MISSION_AREA	REQ SCHOOL/NEC APPL MISS AREA	C,5
843)	RETENTION_PROGRAM_DESCRIPTION	RET PGM DESC	C,10
0 844)	RETENTION_PROGRAM_LAST_UPDATEDBY	RET PGM LAST UPD	C,3
845)	RETENTION_PROGRAM_MANAGER	RET PGM MNGR	C,25
846)	RETENTION_PROGRAM_NAME	RET PGM NAME	C,20
847)	RET_PGM_LAST_UPDATED_DATE	RET PGM LAST UPD DATE	D

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848) RET_PGM_MAXIMUM_AGE_ALLOWED	RET PGM MAX AGE	N,2
849) RET_PGM_MAXIMUM_PAYGRADE	RET PGM MAX PAY	C,3
850) RET_PGM_MAXIMUM_TIME_IN_SERVICE	RET PGM MAX TIS	N,3
851) RET_PGM_MINIMUM_AGE_ALLOWED	RET PGM MIN AGE	N,2
852) RET_PGM_MINIMUM_GCT_PLUS_ARI	RET PGM MIN GCT ARI	N,3
853) RET_PGM_MINIMUM_PAYGRADE	RET PGM MIN PAY	C,2
854) RET_PGM_MINIMUM_TIME_IN_SERVICE	RET PGM MIN TIS	N,3
855) SCHOOL/NEC_NUMBER_REQUIRED	SCHOOL/NEC NUM REQ	N,2
856) SCHOOL_APPLICABLE_NEC	SCHOOL APPL NEC	C,4
857) SCHOOL_EXTENSION_DUTY_CODE	SCH EXT DUTY CODE	C,4
858) SCHOOL_EXTENSION_DUTY_LOCATION	SCH EXT DUTY LOC	C,20
859) SCHOOL_EXTENSION_DUTY_TYPE	SCH EXT DUTY TYPE	C,20
860) SCHOOL_EXTENSION_LOCATION_CODE	SCH EXT DUTY LOC CODE	C,3
861) SCHOOL_NAME	S NAME	C,25
862) SCHOOL_PREFERENCE_LAST_UPDATED	SCH PREF LAST UPD DATE	D
863) SEARCH_AUTHORIZATION_DATE	SEARCH AUTH DATE	D
864) SEARCH_AUTHORIZATION_TIME	SEARCH AUTH TIME	T
865) SEARCH_AUTH_GRANTOR_NAME	SEARCH AUTH GRANT NAME	C,45
866) SEARCH_AUTH_GRANTOR_SIGNATURE	SEARCH AUTH GRANT SIGN	L
867) SEARCH_AUTH_GRANTOR_TITLE	SEARCH AUTH GRANT TITLE	C,20
868) SEARCH_AUTH_REQUESTOR_DUTY	SEARCH AUTH REQ DUTY	C,45
869) SEARCH_AUTH_REQUESTOR_NAME	SEARCH AUTH REQ NAME	C,45
870) SEARCH_AUTH_REQUESTOR_SWORN	SEARCH AUTH REQ SWORN	L
871) SEARCH_AUTH_REQUEST_DATE	SEARCH AUTH REQ DATE	D
872) SEARCH_AUTH_REQUEST_REASON	SEARCH AUTH REQ REASON	M
873) SEARCH_AUTH_REQUEST_TIME	SEARCH AUTH REQ TIME	T

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874) SEARCH_AUTH_SUSPECT_ITEMS	SEARCH AUTH SUSPECT ITEM	C, 45
875) SEARCH_AUTH_SUSPECT_NAME	SEARCH AUTH SUSP NAME	C, 45
876) SEARCH_AUTH_SUSPECT_OFFENSE	SEARCH AUTH SUSPECT OFFENSE	C, 45
877) SEARCH_AUTH_SUSPECT_PLACE	SEARCH AUTH SUSPECT PLACE	C, 45
878) SEARCH_DATE	SEARCH DATE	D
879) SEARCH_LOCATION	SEARCH LOC	M
880) SEARCH_MEMBER_SIGNATURE	SEARCH MEMBER SIGN	L
881) SEARCH_PRIMARY_PERSON	SEARCH PRIM PERSON	C, 45
882) SEARCH_PRIMARY_PERSON_POSITION	SEARCH PERSON POSITION	C, 25
883) SEARCH_RELATED_INCIDENT	SEARCH REL INCIDENT	M
884) SEARCH_SIGNATURE_WITNESS1_NAME	SEARCH SIGN WITNESS1	C, 45
885) SEARCH_SIGNATURE_WITNESS2_NAME	SEARCH SIGN WITNESS2	C, 45
886) SEARCH_SPACE	SEARCH SPACE	C, 30
887) SEARCH_WITNESS	SEARCH WITNESS	C, 45
888) SEARCH_WITNESS_POSITION	SEARCH WITNESS POS	C, 25
889) SEPARATION_DATE	SEP DATE	D
890) SEPARATION_TYPE	SEP TYPE	C, 20
891) SGLI_BENEFICIARY_NAME	BENEFICIARY NAME	C, 30
892) SGLI_BENEFICIARY_PAYMENT	BENEFICIARY PAYMENT	N, 5
893) SGLI_BENEFICIARY_RELATIONSHIP	BENEFICIARY RELATIONSHIP	C, 15
894) SGLI_BENEFICIARY_SHARE	BENEFICIARY SHARE	N, 4
895) SGLI_ENTITLEMENT_EFFECTIVE_DATE	EFFECTIVE DATE	D
896) SGLI_MEMBER_SIGNATURE_DATE	SIGNATURE DATE	D
897) SGLI_PAYMENT_METHOD_CODE	PAYMENT METHOD CODE	C, 2
898) SHIP_SECRETARY_OFFICE_LOCATION	SHIP SEC OFF LOC	C, 30
899) SHIP_SECRETARY_PHONE	SHIP SEC PHONE	C, 8

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900) SPECIAL_STUDY_AREA	SPEC STUDY ARE	C,12
901) SPECIAL_STUDY_COLLEGE_CREDITS	SPEC STUDY COLLEGE CREDITS	C,12
902) SPECIAL_STUDY_HIGH_SCHOOL_YEARS	SPEC STUDY HS YEARS	N,F
903) SPOUSE_MARRIAGE_RESOLUTION	SPOUSE MARRIAGE RESOLUTION	C,10
904) SPOUSE_MARRIAGE_RESOLUTION_DATE	SPOUSE MARRIAGE RESOLUTION DATE	D
905) SPOUSE_MARRIAGE_RESOLUTION_LOC	SPOUSE MARRIAGE RESOLUTION LOC	C,25
906) SPOUSE_NEXT_OF_KIN_CITY_NAME	SPOUSE NOK CITY NAME	C,25
907) SPOUSE_NEXT_OF_KIN_NAME	SPOUSE NOK NAME	C,45
908) SPOUSE_NEXT_OF_KIN_RELATION	SPOUSE NOK RELATION	C,15
909) SPOUSE_NEXT_OF_KIN_STATE_CODE	SPOUSE NOK STATE CODE	C,2
910) SPOUSE_NEXT_OF_KIN_STREET_NAME	SPOUSE NOK STREET NAME	C,45
911) SPOUSE_PREVIOUS_MARRIAGE	SPOUSE PREVIOUS MARRIAGE CODE	C,3
912) TICKET_BLOCK_ADULT_PRICE	TICKET BLOCK ADULT PRICE	\$
913) TICKET_BLOCK_CHILD_PRICE	TICKET BLOCK CHILD PRICE	\$
914) TICKET_BLOCK_FUNCTION	TICKET BLOCK FUNC	C,45
915) TICKET_BLOCK_NUMBER_ADULT	TICKET BLOCK NUM ADULT	N,4
916) TICKET_BLOCK_NUMBER_CHILD	TICKET BLOCK NUM CHILD	N,4
917) TICKET_BLOCK_RECEIPT_DATE	TICKET BLOCK RCPT DATE	D
918) TICKET_DATE_SOLD	TICKET DATE SOLD	D
919) TICKET_PURCHASER_NAME	TICKET PURCH NAME	C,35
920) TICKET_SALE_PRICE	TICKET SALE PRICE	\$
921) TICKET_SERIAL_NUMBER	TICKET NUMBER	C,15
922) TICKET_TYPE	TICKET TYPE	C,5
923) TICKLER_ITEM_DATE_DUE	TICKLER ITEM DATE DUE	D
924) TICKLER_ITEM_LAST_PERFORMED	TICK ITEM LAST PERFORMED	D
925) TICKLER_ITEM_LAST_UPDATED_DATE	TICK ITEM LAST UPD DATE	D

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926) TICKLER_ITEM_NAME	TICKLER ITEM NAME	C,60
927) TICKLER_ITEM_PERIODICITY	TICK ITEM PERIOD	C,30
928) TICKLER_ITEM_PERSON_RESPONSIBLE	TICK PERSON RESP	C,35
929) TICKLER_ITEM_REFERENCE_NAME	TICK ITEM REF NAME	C,45
930) TICKLER_ITEM_TYPE	TICK ITEM TYPE	C,20
931) TIME_IN_RATE_COMPUTED_FROM_DATE	TIR CPTD FROM	D
932) TIME_IN_RATE_EFFECTIVE_DATE	TIR EFF DATE	D
933) TIME_IN_RATE_ELIG_INDICATOR	TIR ELIG INDIC	L
934) TIME_IN_RATE_UPDATED_BY	TIR UPTD BY	C,3
935) TRAINING_ATTENDANCE_DATE	TRAINING ATTENDANCE DATE	D
936) TRAINING_ATTENDANCE_REMARKS	TRAINING ATTEND RMKS	C,25
937) TRAINING_COURSE_DESCRIPTION	TR CRS DESC	C,25
938) TRAINING_COURSE_NAVPERS_NUMBER	NAVPERS COURSE NUM	C,8
939) TRAINING_LECTURE_INSTRUCTOR	TRNG LEC INSTR	C,25
940) TRAINING_LECTURE_NAME	TRNG LEC NAME	C,25
941) TRAINING_LECTURE_NUMBER	TRNG LEC NUM	C,15
942) TRAINING_LECTURE_PERIODICITY	TRNG LEC PERIOD	N,2
943) TRAINING_OFFICER_NAME	TRAINING OFFICER NAME	C,45
944) TRAINING_OFFICE_LOCATION	TRAINING OFFICE LOC	C,15
945) TRAINING_OFFICE_PHONE	TRAINING OFFICE PHONE	C,7
946) TRANSFER_COMMAND_NAME	TRANS COMM NAME	C,45
947) TRANSFER_COMMAND_UIC	TRANS COMM UIC	C,6
948) TRANSFER_HOME_CITY	TRANS HOME CITY	C,25
949) TRANSFER_HOME_PHONE	TRANS HOME PHONE	C,12
950) TRANSFER_HOME_STATE_CODE	TRANS HOME STATE	C,2
951) TRANSFER_HOME_STREET_NAME	TRANS HOME STREET	C,45

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952) TRANSFER_INFO_LAST_UPDATED_DATE	TRANSFER INFO LAST UPD DATE	D
953) TRANSFER_LAST_UPDATED_DATE	TRANS LAST UPD DATE	D
954) TRANSFER_REMARKS	TRANS RMKS	C, 75
955) TRANSMITTAL_LETTER_DATE	TRANS LTR DATE	D
956) TYCOM_EXERCISE_DATE_COMPLETED	TYCOM EX DATE COMP	D
957) TYCOM_EXERCISE_DATE_STARTED	TYCOM EX DATE STARTED	D
958) TYCOM_EXERCISE_DEPARTMENT_NAME	TYCOM EX DEPT NAME	C, 15
959) TYCOM_EXERCISE_DESCRIPTION	TYCOM EX DESC	C, 25
960) TYCOM_EXERCISE_GRADE	TYCOM EX GRADE	C, 12
961) TYCOM_EXERCISE_NUMBER	TYCOM EX NUM	C, 15
962) TYCOM_EXERCISE_PERIODICITY	TYCOM EX PERIOD	N, 2
963) TYCOM_EXERCISE_TITLE	TYCOM EX TITLE	C, 25
964) UA_ABSENCE_EXCUSED_UNAVOIDABLE	UA ABSENCE EXC UNAVOID	L
965) UA_ABSENCE_NOT_EXCUSED	UA ABS NOT EXC	I
966) UA_ABSENT_WITHOUT_LEAVE	UA AWOL	L
967) UA_AMPLIFYING_REMARKS	UA RMKS	M
968) UA_APPREHENDED_CIVIL_AUTHORITY	UA APPREHEND CIVIL AUTH	L
969) UA_DATE_HELD_CIVIL_AUTHORITY	UA DATE HELD CIV AUTH	D
970) UA_DAYS_LOST_TIME_CHARGED	UA DAYS LOST	N, 3
971) UA_DD553_ISSUED	UA DD553 ISS	L
972) UA_DD616_ISSUED	UA DD616 ISSUED	L
973) UA_DD616_ISSUED_LOCATION	UA DD616 LOC	C, 45
974) UA_DELIVERED_TO_CIVIL_AUTHORITY	UA DELIV CIVIL AUTH	L
975) UA_DETERMINED_NOT_UA	UA DET NOT UA	L
976) UA_EXCUSED_NUMBER_LEAVE_DAYS	UA EXCUSED NUM LEAVE	N, 3
977) UA_FROM_DATE	UA FM DATE	D

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978) UA_FROM_TIME	UA FROM TIME	T
979) UA_LIBERTY_START_DATE	UA LIB START DATE	D
980) UA_LIBERTY_START_HOUR	UA LIB START HOUR	T
981) UA_MEMBER_UIC	UA MEMBER UIC	C, 6
982) UA_OVER_LEAVE	UA OVER LEAVE	L
983) UA_OVER_LIBERTY	UA OVER LIB	L
984) UA_PERSONAL_EFFECTS_COLLECTED	UA PERS EFF COLLECTED	L
985) UA_REPORT_SUBMISSION_DATE	UA SUBMISSION DATE	D
986) UA_RETURNED_APPREHENDED	UA APPREHENDED	L
987) UA_RETURNED_ON_BOARD	UA RTN ON BOARD	L
988) UA_RETURN_MILITARY_JURISDICTION_UIC	UA RTN MIL JURIS UIC	C, 6
989) UA_RETURN_SURRENDERED	UA SURRENDERED	L
990) UA_RETURN_TRANSFERRED_UNIT	UA RTN TRANSFER UNIT	C, 45
991) UA_RETURN_TRANSFER_UIC	UA RTN TRANSFER UIC	C, 6
992) UA_RTN_MILITARY_JURISDICTION_DATE	UA RTN MIL JURIS DATE	D
993) UA_RTN_MILITARY_JURISDICTION_PLACE	UA RTN MIL JURISDICTION PLACE	C, 45
994) UA_RTN_MILITARY_JURISDICTION_TIME	UA RTN MIL JURIS TIME	T
995) UA_SUBMITTING_OFFICER_NAME	UA SUBMITTING OFF NAME	C, 35
996) UA_SUBMITTING_OFFICER_RANK	UA SUBMIT OFF RANK	C, 20
997) UA_TIME_HELD_CIVIL_AUTHORITY	UA TIME HELD CIVIL	T
998) UA_UNIT	UA UNIT	C, 45
999) UA_UNIT_LOCATION	UA UNIT LOC	C, 45
1000) UNIT_ARRIVAL_DATE	UNIT ARRIVAL DATE	D
1001) UNIT_DETACHMENT_DATE	UNIT DETACHMENT DATE	D
1002) UNIT_IDENTIFICATION_CODE	UIC	C, 5
1003) UPDATED BY	UP BY	C, 3

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1004)	URINALYSIS_BATCH_NUMBER	URIN BATCH NUM	C,5
1005)	URINALYSIS_DATE_TAKEN	URIN DATE	D
1006)	URINALYSIS_DRUG_LAB_NAME	URIN DRUG LAB NAME	C,45
1007)	URINALYSIS_MEMBER_BOTTLE_INITIAL	URIN MBR BOTTLE INITIALS	L
1008)	URINALYSIS_MEMBER_SIGNATURE	URIN MBR SIGN	L
1009)	URINALYSIS_OBSERVER_NAME	URIN OBSERVER NAME	C,45
1010)	URINALYSIS_OBSERVER_SIGNATURE	URIN OBSERVER SIGN	L
1011)	URINALYSIS_REMARKS	URIN RMKS	M
1012)	URINALYSIS_RESULTS	URIN RESULTS	M
1013)	URINALYSIS_SPECIMEN_NUMBER	URIN SPECIMEN NUM	C,5
1014)	URINALYSIS_TEST_TYPE	URIN TEST TYPE	C,20
1015)	URINALYSIS_TIME	URIN TIME	T
1016)	URIN_SHIP_CONTAINER_CONDITION	URIN SHIP CONT COND	C,25
1017)	US_ALIEN	US ALIEN	L
1018)	US_IMMIGRANT	US IMMIGRANT	L
1019)	US_NATIVE	US NATIVE	L
1020)	US_NATURALIZED	US NATURALIZED	L
1021)	VOLUNTEER_STATUS	VOLUNTEER STATUS	C,1
1022)	WELFARE_RECREATION_LOCATION	WELREC LOC	C,30
1023)	WELFARE_RECREATION_PHONE	WELREC PHONE	C,8
1024)	WORK_CENTER_LOCATION	WK CNTR LOC	C,30
1025)	WORK_CENTER_NAME	WK CNTR NAME	C,30
1026)	WORK_CENTER_NUMBER	WORK CENTER NUM	C,5
1027)	WORK_CENTER_PHONE	WK CNTR PHONE	C,8
1028)	WORK_CENTER_SUPERVISOR_NAME	WORK CENTER SUP NAME	C,45

160 Objects in the 'MAIN1' Dictionary.

1028 Attributes in the 'MAIN1' Dictionary.

APPENDIX K

DICTIONARY OF ABBREVIATIONS

This appendix contains a Dictionary of Abbreviations for terms found in the body of this thesis and the diagram reports.

APPENDIX K

DICTIONARY OF ABBREVIATIONS

<u>ABBREVIATION</u>	<u>DEFINITION</u>
ACC	ACCOUSED
ADDR	ADDRESS
ADMIN	ADMINISTRATIVE
ADV	ADVANCEMENT
ARI	ARITHMETIC
ASVAB	ARMED SERVICES VOCATIONAL APTITUDE BATTERY
AUTH	AUTHORITY
AUTO	AUTOMOTIVE
CCC	COMMAND CAREER COUNSELOR
CM	COURT MARTIAL
CO	COMMANDING OFFICER
COMPREHEN	COMPREHENSION
CONFIN	CONFINEMENT
CONV	CONVENING
DEF	DEFENSE
DESIG	DESIGNATOR
DTG	DATE TIME GROUP
ELIG	ELIGIBILITY
ENL	ENLISTED
ESO	EDUCATIONAL SERVICES OFFICER
EVAL	EVALUATION
FOIA	FREEDOM OF INFORMATION ACT
GCT	GENERAL CLASSIFICATION TEST
GED	GENERAL EDUCATION DEGREE

ABBREVIATION**DEFINITION**

ID	IDENTIFICATION
INFO	INFORMATION
INVEST	INVESTIGATION
JURISDICT	JURISDICTION
LOC	LOCATION
MAA	MASTER AT ARMS
MIL	MILITARY
MISC	MISCELLANEOUS
NAVEDTRA	NAVAL EDUCATION AND TRAINING
NAVPERs	NAVAL PERSONNEL
NEC	NAVAL ENLISTED CLASSIFICATION
NIS	NAVAL INVESTIGATIVE SERVICE
NMPC	NAVAL MILITARY PERSONNEL COMMAND
NUM	NUMBER
OFF	OFFICER
PAO	PUBLIC AFFAIRS OFFICER
PGM	PROGRAM
PQS	PERSONNEL QUALIFICATION STANDARDS
QUAL	QUALIFICATION
RCPT	RECEIPT
REENLIST	REENLISTMENT
REQ	REQUIRED
REQMT	REQUIREMENT
REQUAL	REQUALIFICATION
RESP	RESPONSIBLE
RET	RETENTION

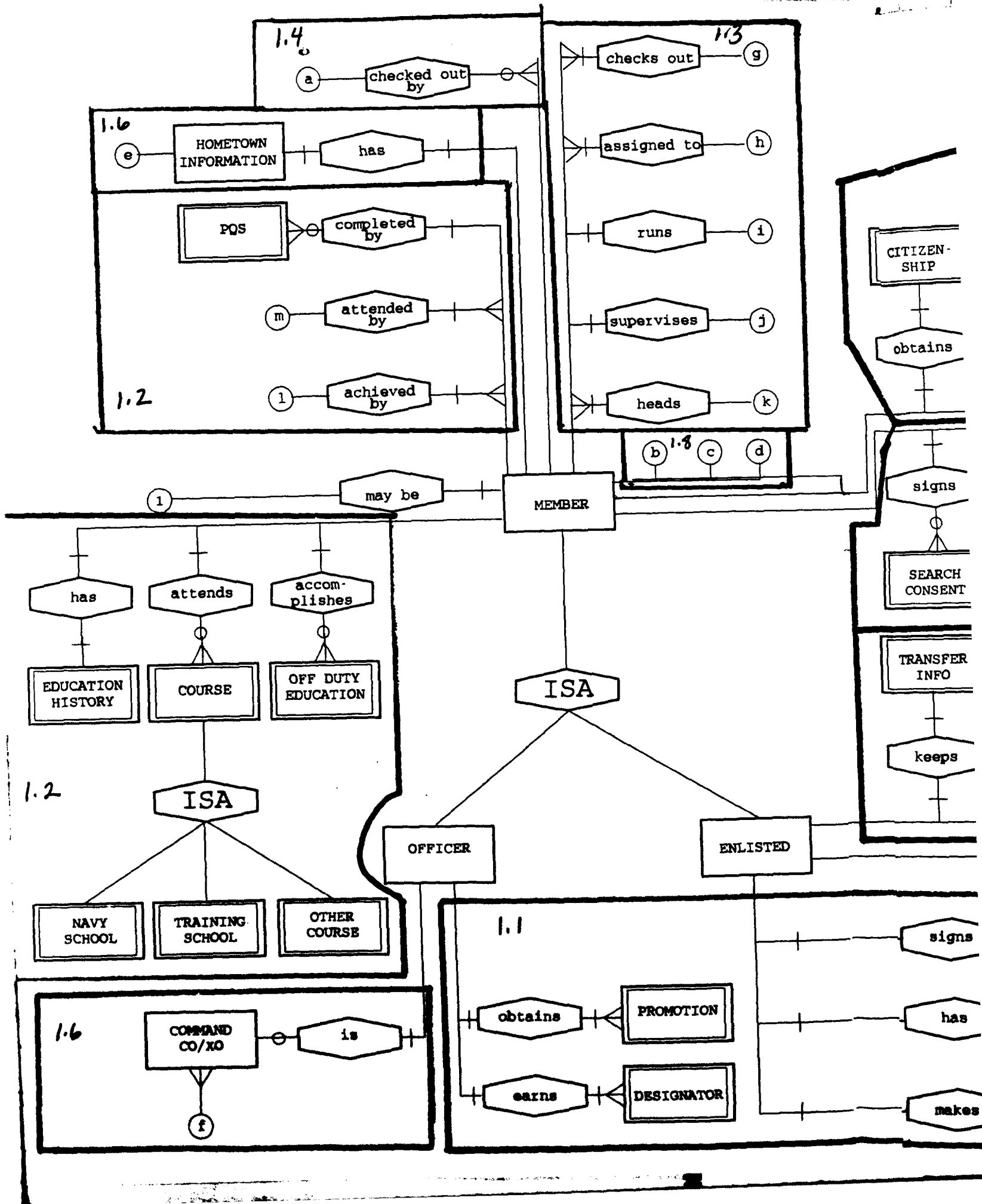
ABBREVIATION**DEFINITION**

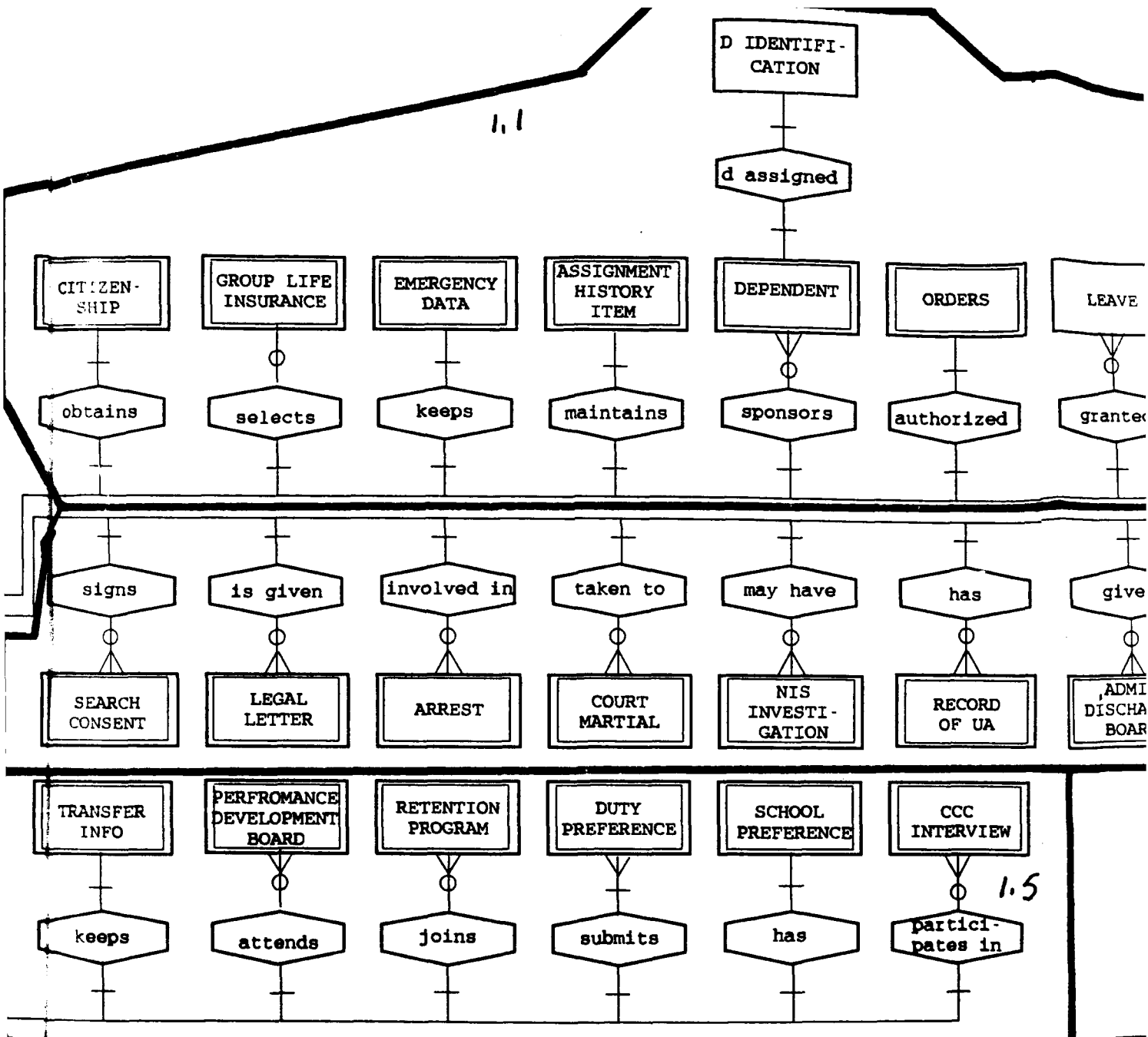
RMKS	REMARKS
SGLI	SERVICEMENS GROUP LIFE INSURANCE
SHIP	SHIPMENT
SSIC	STANDARD SUBJECT IDENTIFICATION CODE
STMT	STATEMENT
TYCOM	TYPE COMMANDER
UA	UNAUTHORIZED ABSENCE
UIC	UNIT IDENTIFICATION CODE
URIN	URINALYSIS
US	UNITED STATES
XO	EXECUTIVE OFFICER

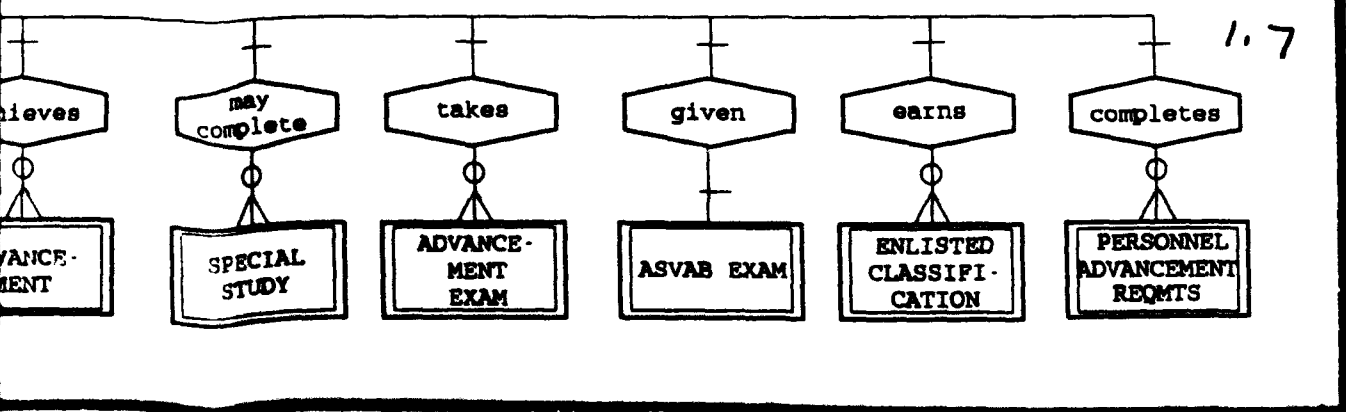
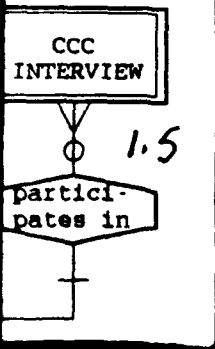
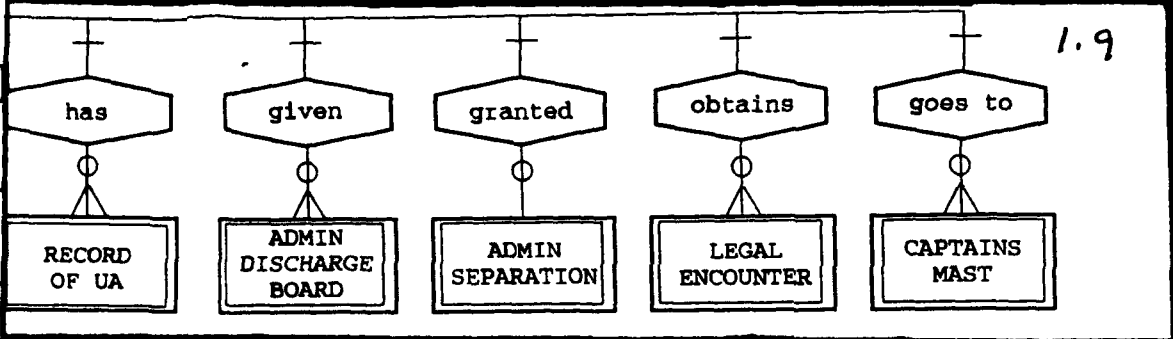
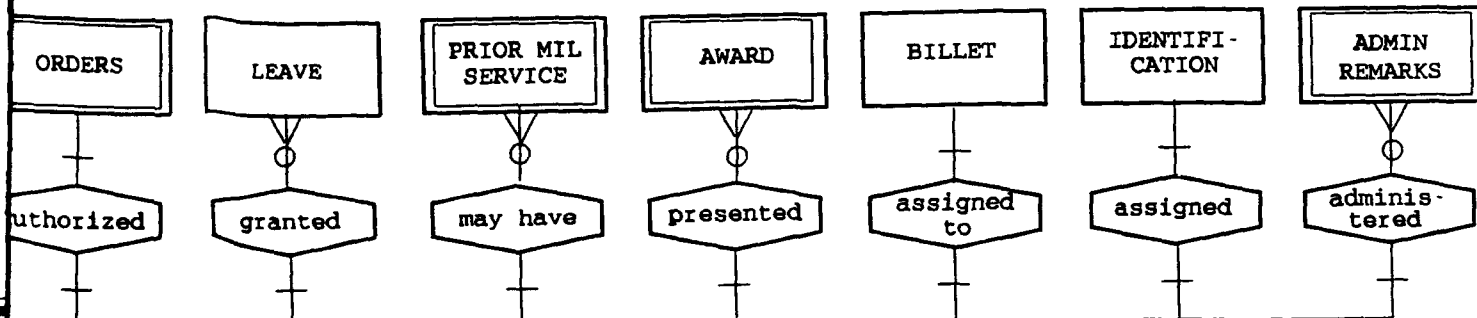
APPENDIX L

INTEGRATED VIEW DIAGRAM

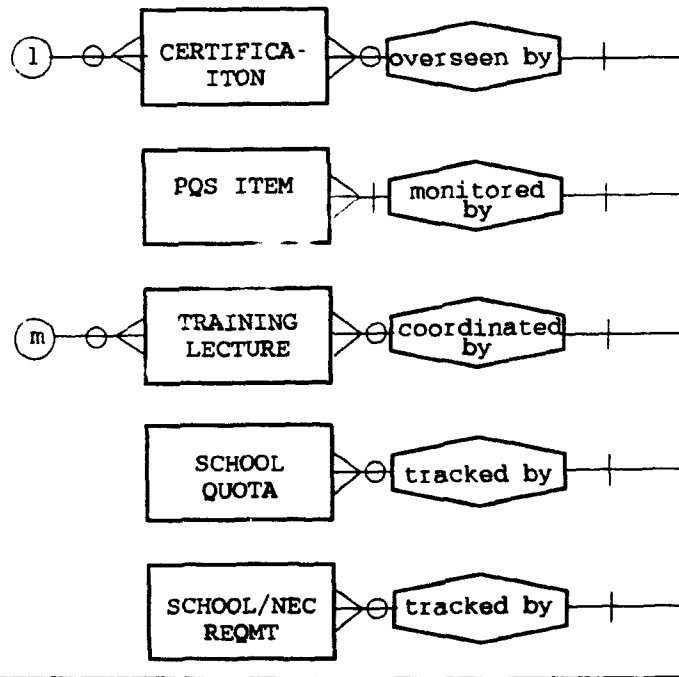
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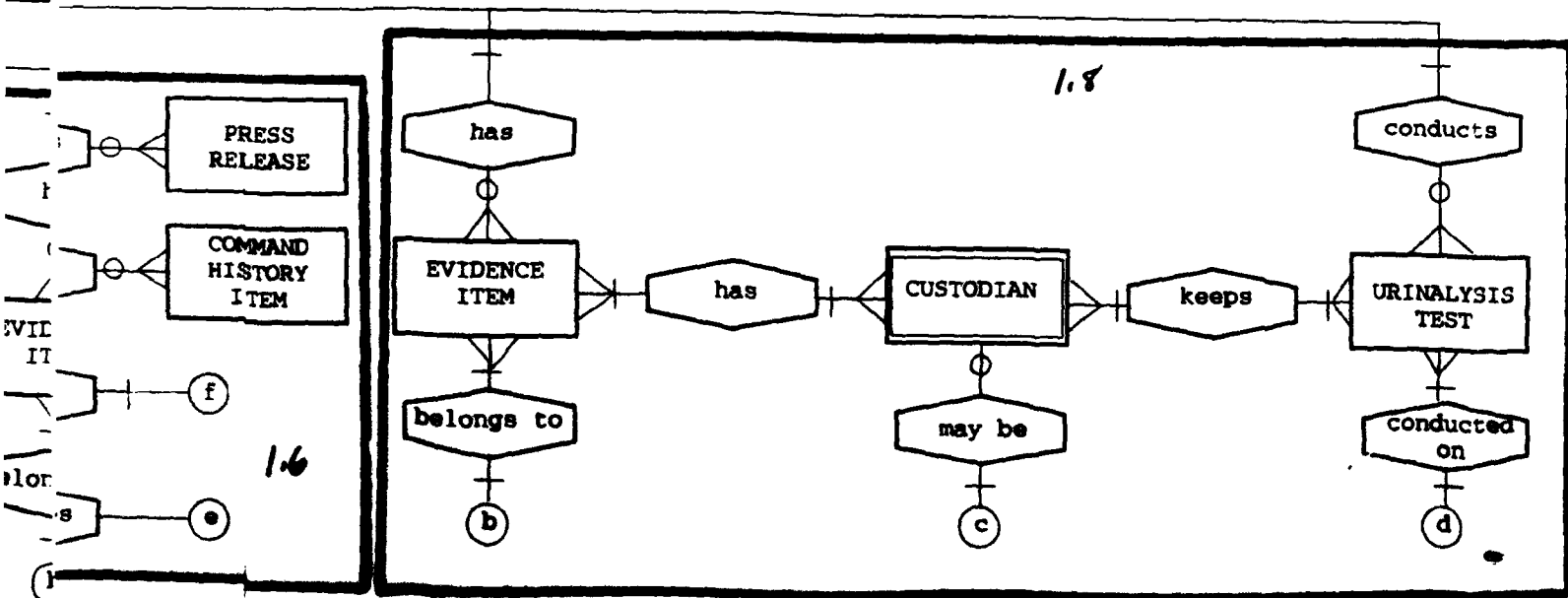
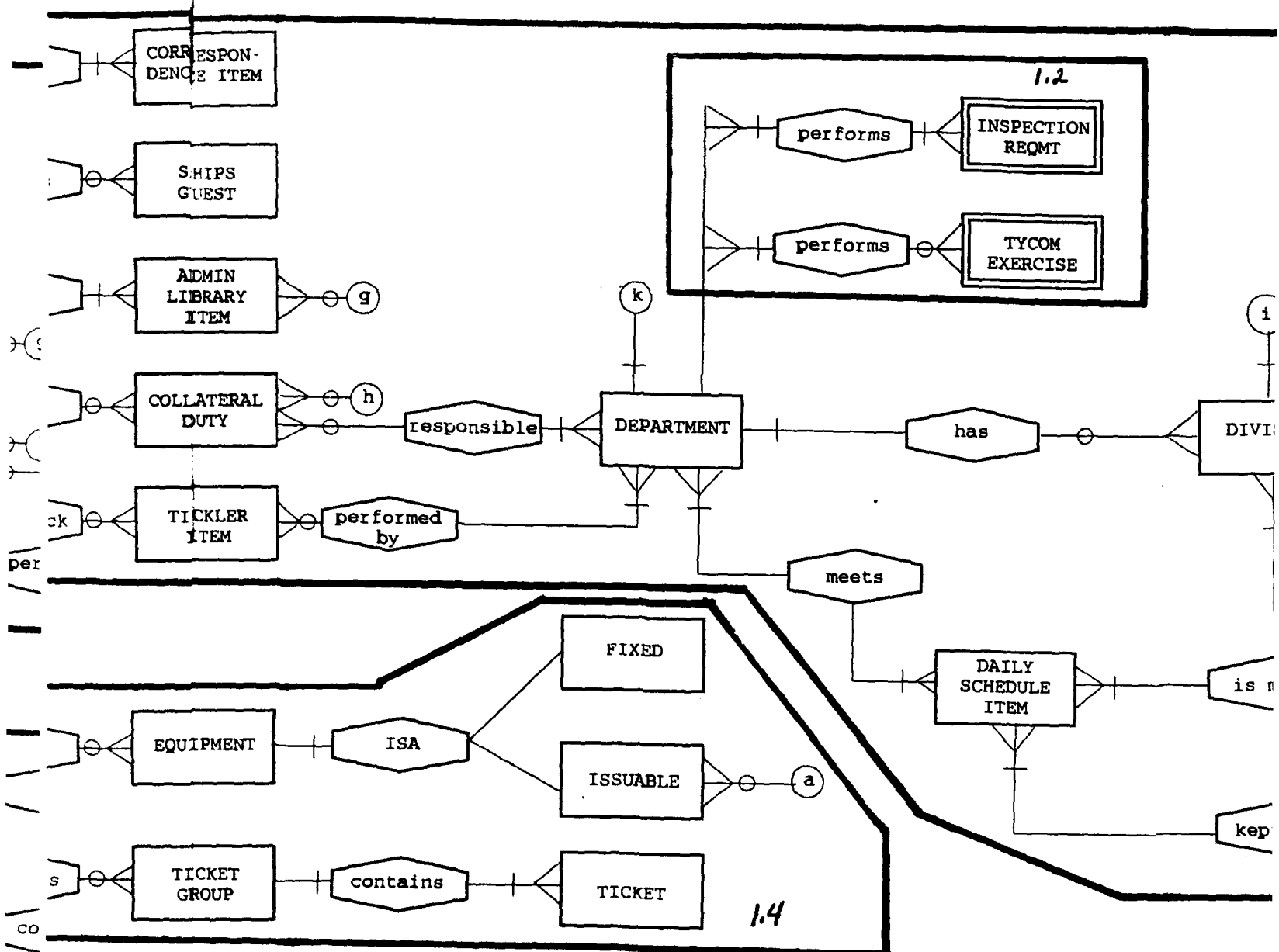






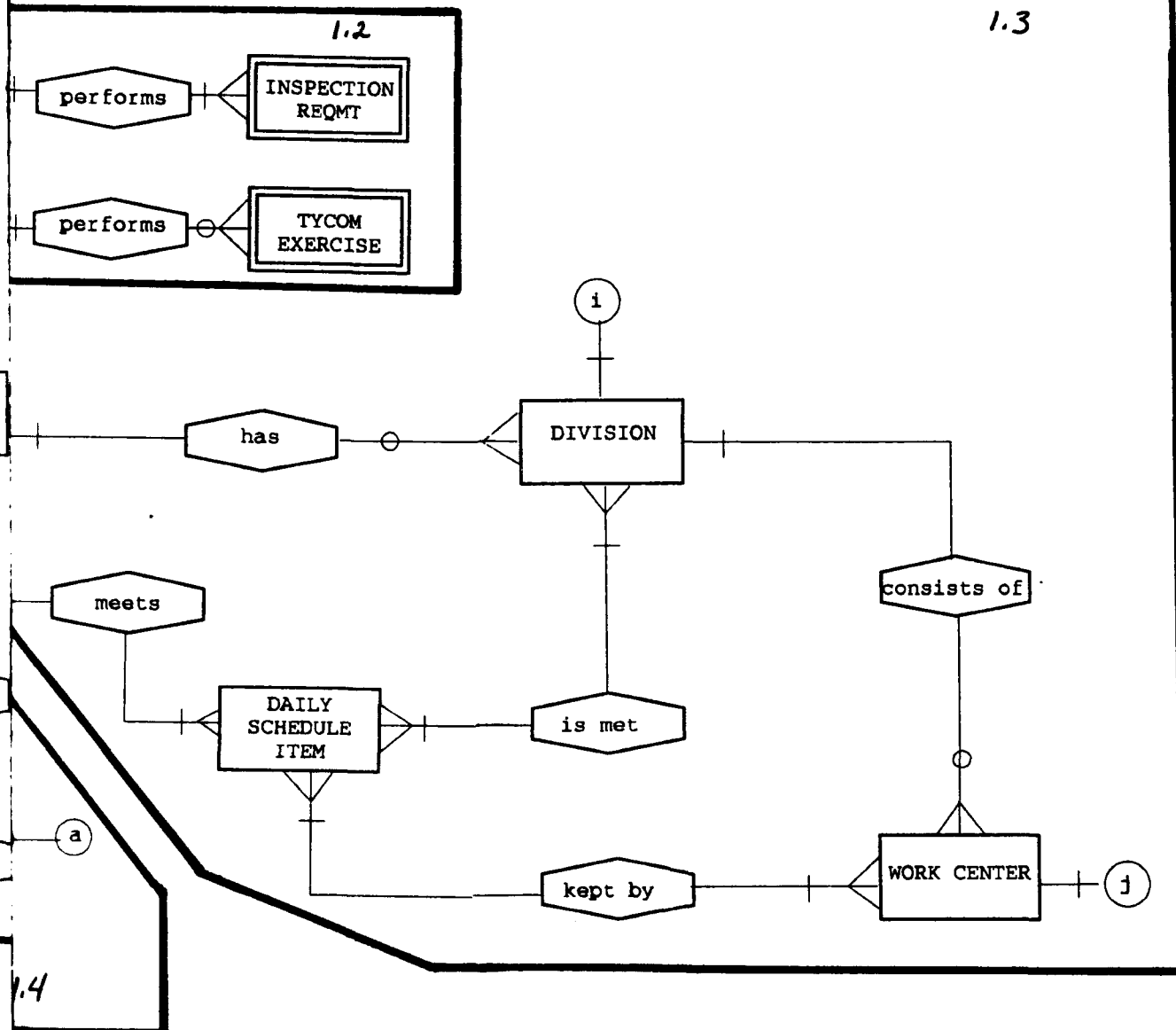
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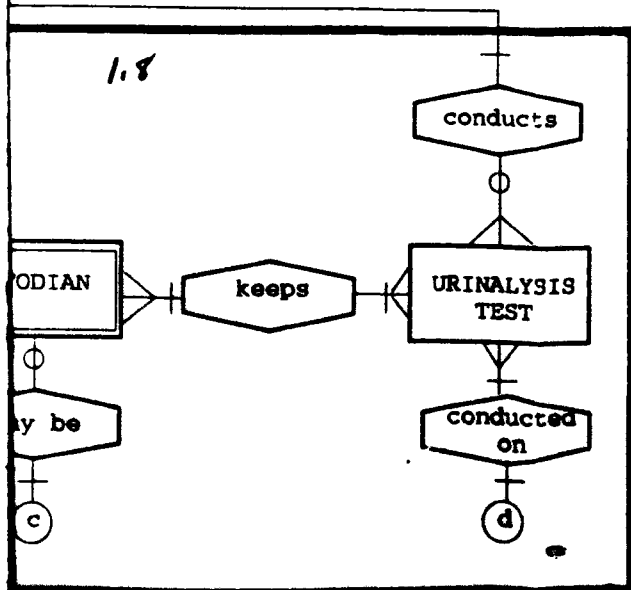


1.2

1.3



1.8



APPENDIX M

ENTITY CLUSTERING DIAGRAMS

This appendix contains the entity clustering diagrams for each function as discussed in Chapter V.

Figure 1.1: PERSONNEL

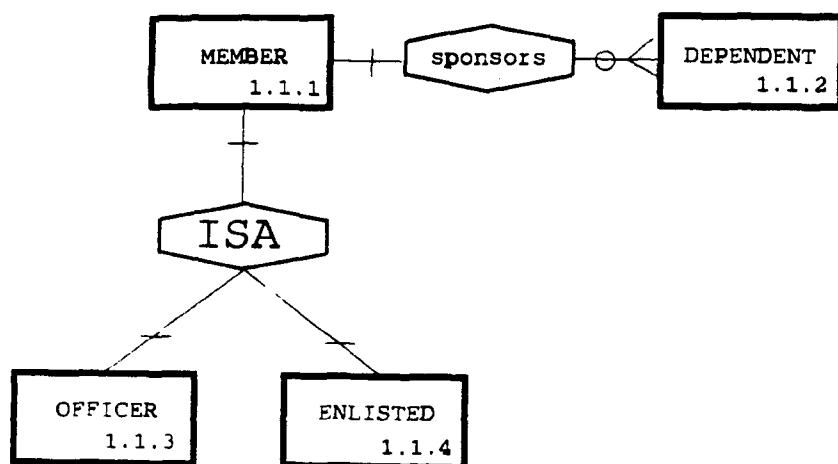


Figure 2.1: PERSONNEL

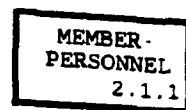


Figure 1.2: TRAINING

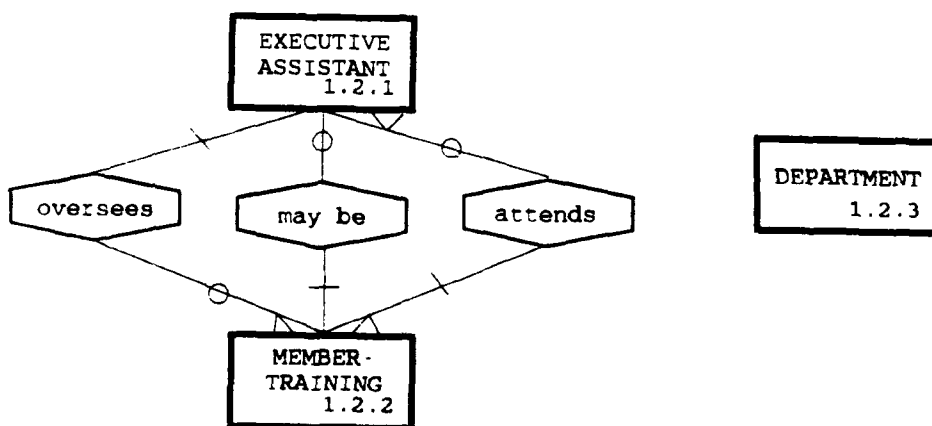


Figure 1.3: SHIP SECRETARY

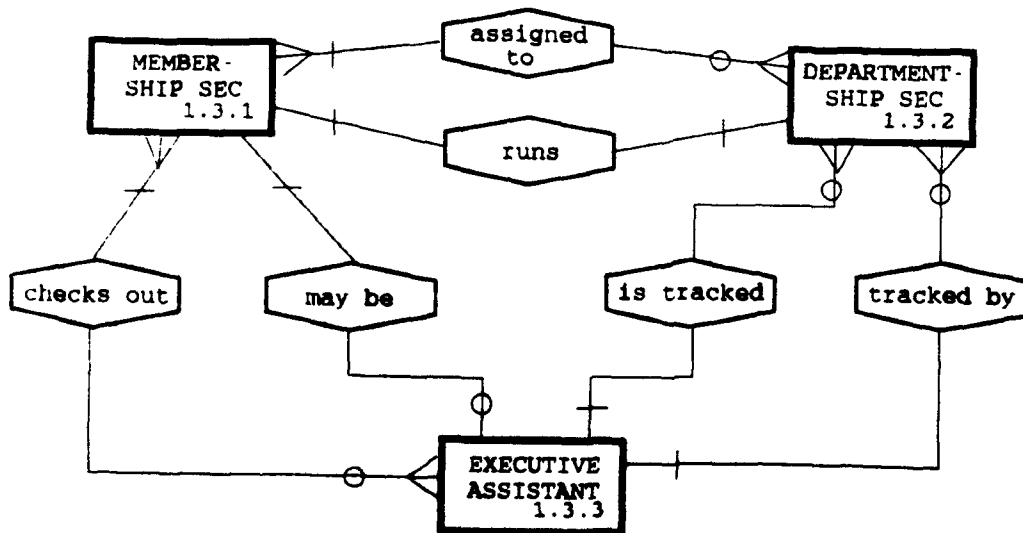


Figure 1.4: WELFARE & RECREATION

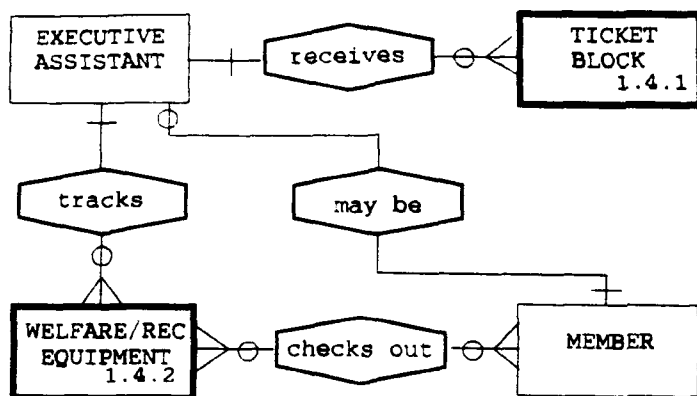


Figure 2.4: WELFARE & RECREATION

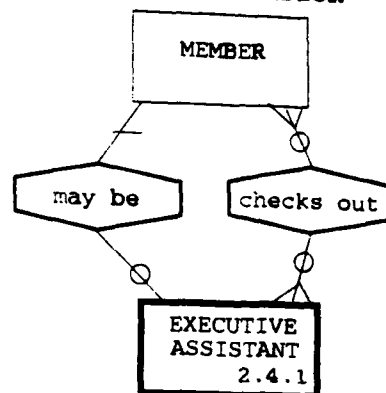


Figure 1.5: COMMAND CAREER COUNSELOR

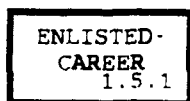


Figure 2.5: COMMAND CAREER COUNSELOR

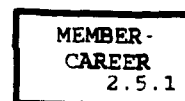


Figure 1.6: PUBLIC AFFAIRS OFFICER

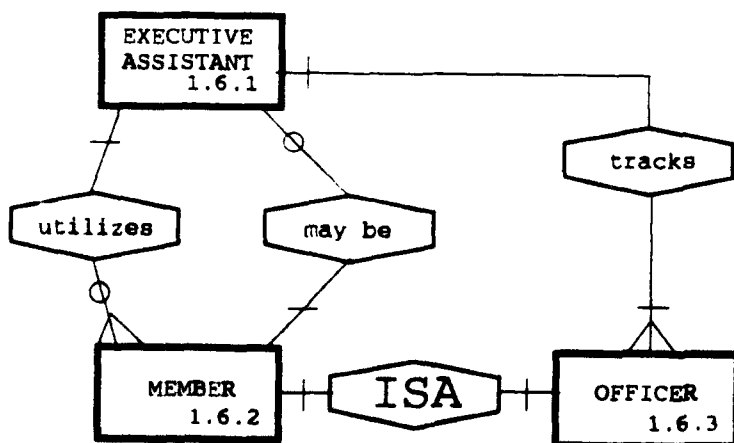


Figure 2.6: PUBLIC AFFAIRS OFFICER

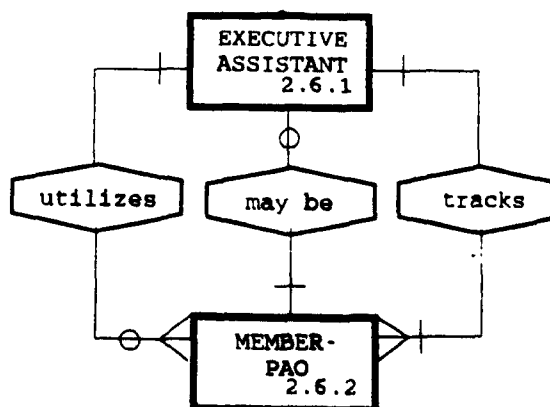
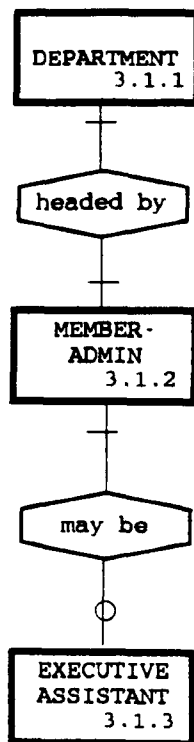


Figure 3.1: ADMINISTRATION



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